

**TASK ORDER
CDM SERVICES CONTRACT**

CONTRACT #: NAS8-01121
UPN:

TASK ORDER #: SD40-00-003
DATE: 10/12/01

Program/Project/Office: CDM Support for Biotech Program

TASK DESCRIPTIONS:

The contractor shall perform the tasks under WBS 1.3 of this contract to provide the Biotech Program CDM support. This task order covers ~~OPCG, OPCGA, BIC, EGN, Delta-L, MGM, and IBC.~~
10/12/01

1. Develop in-house CM Plans in accordance with MWI 8040.1 in support of all Programs/Projects. Review all Out-of-house CM deliverables to assure conformance with contractual requirements.
2. Provide a formal change control system for the management of all developed items. All changes to hardware and software configuration baselines will be formally controlled as specified in MWI 8040.2.
3. Provide a secretariat for each Program/Project to process change packages, prepare CCB Agenda's, schedule CCB meetings, and prepare minutes. This effort will be performed in accordance with MWI 8040.1 and MWI 8040.3.
4. Provide Configuration status accounting as specified in MPG 8040.1 by using the MSFC Change Processing Tracking, and Accounting System (CPTAS). Implementation and utilization of CPTAS shall be as specified in MSFC-MNL-1951.
5. Support all technical design reviews. Establish and maintain the Review Item Discrepancy database in accordance with MSFC-MNL-2110.

**TASK ORDER
CDM SERVICES CONTRACT**

SPECIAL INSTRUCTIONS:

The contractor shall notify the COTR when 75% of cost is incurred and/or no later than 1 week prior to depletion of funds.

~~Note: Cancellation of this Task Order by the Originator prior to the completion of the Period of Performance specified below requires a minimum of 30 days written notice.~~

*TV 10/12/01
AC 10/12/01
Jim 10/12/01
TV*

SCHEDULE AND/OR MILESTONES:

Project:

~~DCPCG - Review CMP 12/01 - Review CM Plan 6/02~~

*TV 10/12/01 Jim 10/14/01
Agreed by me*

OPCGA - B/L 12/01 - Review CMP 6/02

EGN - B/L, part of Project plan

MGM III - B/L - Review CMP 2/02 ←

Delta-L - B/L - Review CMP 2/02

BIC - B/L - Review CMP 2/02 ←

RC - B/L - Review CMP 2/02

NC:	PERFORMANCE STANDARDS: J-5, WBS 1.1, 1.3, Cost Control and Customer Satisfaction
WBS: 1.3	
Period of Performance: 9/1/01 - 8/31/02	

**TASK ORDER
CDM SERVICES CONTRACT**

CONTRACT #: NAS8-01121
UPN:

TASK ORDER #: SD40-00-004
DATE: 10/12/01

Program/Project/Office: CDM Support for MSP PI

TASK DESCRIPTIONS:

The contractor shall perform the tasks under WBS 1.3 of this contract to provide the Material Science Projects SD44 Principle Investigators CDM support. Note: This task covers support of PIs in SD44 (Experiments Project Management Group) only for the following projects **in FY 2002 SUBSA, PFM, MDMG.**

Provide CM support to define, implement, and maintain project CM system that complies with NASA MSFC MPG 8040.1, and project unique requirements and accommodates all external and internal CM interfaces. Specific tasks are defined below:

1. Support Program/Project Managers in determining if and when a project requires formal Configuration Management Controls.
2. When required, establish Change Control Boards (CCBs).
3. Once CCBs are established, provide a secretariat for each Program/Project to process change packages, prepare CCB agenda's, schedule CCB meetings, and prepare minutes IAW MWI 8040.1. Support the Deviation and Waiver process in accordance with 8040.3.
4. Provide Configuration status accounting as specified in MPG 8040.1 by using the MSFC Change Processing Tracking, and Accounting System (CPTAS). Implementation and utilization of CPTAS shall be as specified in MSFC-MNL-1951.

**TASK ORDER
CDM SERVICES CONTRACT**

SPECIAL INSTRUCTIONS:

The contractor shall notify the COTR when 75% of cost is incurred and/or no later than 1 week prior to depletion of funds.

~~Note: Cancellation of this Task Order by the Originator prior to the completion of the Period of Performance specified below requires a minimum of 30 days written notice.~~

*TV 10/12/01
AC 10/13/01
DM 10/24/01*

SCHEDULE AND/OR MILESTONES:

MDMG	Prepare Charter Letter to establish CCB	Feb/02
	Submit draft Configuration Management Plan	Jun 02
	Hold 3 CCBs commencing in June ending in August	Jun 02

CWC:	PERFORMANCE STANDARDS: J-5, WBS 1.1, 1.3, Cost Control and Customer Satisfaction
WBS: 1.3	
Period of Performance: 9/1/01 – 8/31/02	

**TASK ORDER
CDM SERVICES CONTRACT**

CONTRACT #: NAS8-01121 *398-30-01*
UPN: *398-30-02 also 101-58-07*

TASK ORDER #: SD40-00-006
DATE: *10/12/01*

Program/Project/Office: CDM Support for MSRR-1 Project

TASK DESCRIPTIONS:

The contractor shall perform the tasks under WBS 1.3 of this contract to provide CDM support to the MSRR-1 project.

CM Support for MSRR-1, MSRR-1/EC, and QMI

The contractor shall provide Configuration Management (CM) and CM-related support to the MSRF Project. Specific tasks include:

1. Prepare and coordinate approval of the MSRF Configuration Management Plan and review in-house and contractor plans and documentation for appropriate CM requirements inclusion.
2. Provide configuration control IAW MWI 8040.2 and 8040.3. Process changes (ECR, EO, FEO, ECP, CR, Deviation/Waiver, etc.) from receipt, through the evaluation process, through the CCB and approve/disapprove process, through the release steps, and finally to the repository for retention.
3. Maintain the master change file, Program Control Number (PCN) file.
4. Provide a Configuration Control Board Secretariat to serve as a CCB member on the MSRR-1 & EC Level III and IV CCBs and QMI Level IV CCB IAW 8040.1.
5. Provide CPTAS change tracking and status IAW MPG 8040.1 and MSFC-MNL-1951.
6. Support major design/technical reviews utilizing the automated Review Item Discrepancy (RID) system.

DM Support for MSRR-1, MSRR-1/EC, and QMI

The contractor shall provide Data Management (DM) and DM-related support to acquire, catalog, track, maintain, and distribute data in support of the MSRF Project. Specific tasks include:

7. Maintain the MSRF Data Management Plan (MWI 7120.5).
8. Support documentation management, such as compiling technical review and acceptance data packages, management of records, and develop and maintain program/project master list (s).
9. Support technical design reviews IAW program/project specific plans and the Review Item Discrepancy (RID) database in accordance IAW MSFC-MNL-2110.
10. Attend MSRR-1 PDT and record minutes.

**TASK ORDER
CDM SERVICES CONTRACT**

SPECIAL INSTRUCTIONS:

The contractor shall notify the COTR when 75% of cost is incurred and/or no later than 1 week prior to depletion of funds.

~~Note: Cancellation of this Task Order by the Originator prior to the completion of the Period of Performance specified below requires a minimum of 30 days written notice.~~

Quality records will be maintained IAW MPG1440.2

All project technical review milestones are subject to project schedules.

*TV 10/12/01
cc 10/12/01
Jm 10/12/01*

SCHEDULE AND/OR MILESTONES:

CM Support for MSRR-1, MSRR-1/EC, and QMI

MSRR-1 & EC	IPL CDR Assist and/or prepare and review CDR Plan Attend RID Screening meetings File Quality Records	Jan02
MSRR-1 & EC	IPL Pre-Board Status RID Issues Record Minutes Track Board CCB Actions File Quality Records	Mar02
MSRR-1 & EC	IPL Board (if necessary) Status RID Issues Record Minutes Track Board CCB Actions File Quality Records	Apr02
MSRF	Review Configuration Management Plan Put CM Plan on PDT agenda to assess whether changes need to be incorporated	Mar02
QMI	Ground Unit #1 delivery to ESA As-Built vs. As-Designed Comparison Check Assist in ADP preparation Prepare Waiver/Deviation Records File Quality Records	Apr02

**TASK ORDER
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DM Support for MSRR-1, MSRR-1/EC, and QMI

MSRR-1 & EC	IPL CDR Assemble technical review package Track action items	Jan02
MSRR-1 & EC	IPL Pre-Board Assemble Pre-Board Presentation Status action items	Mar02
MSRR-1 & EC	IPL Board (if necessary) Assemble Board Presentation Status action items	May02
MSRF	Review Data Management Plan Put DM Plan on PDT agenda to assess whether changes need to be incorporated	Mar02
QMI	Ground Unit #1 delivery to ESA	Feb02

CWC:	PERFORMANCE STANDARDS: J-5, WBS 1.1, 1.3, Cost Control and Customer Satisfaction
WBS: 1.3	
Period of Performance: 9/1/01 – 8/31/02	

**TASK ORDER
CDM SERVICES CONTRACT**

CONTRACT #: NAS8-01121

TASK ORDER #: SD40-00-006

WPN: 400-34-1M

DATE: 4-23-02

Program/Project/Office: CDM Support for MSRR-1 Project

TASK DESCRIPTIONS:

The contractor shall perform the tasks under WBS 1.3 of this contract to provide CDM support to the MSRR-1 project.

CM Support for MSRR-1, MSRR-1/EC, and QMI

The contractor shall provide Configuration Management (CM) and CM-related support to the MSRF Project. Specific tasks include:

1. Prepare and coordinate approval of the MSRF Configuration Management Plan and review in-house and contractor plans and documentation for appropriate CM requirements inclusion.
2. Provide configuration control IAW MWI 8040.2 and 8040.3. Process changes (ECR, EO, FEO, ECP, CR, Deviation/Waiver, etc.) from receipt, through the evaluation process, through the CCB and approve/disapprove process, through the release steps, and finally to the repository for retention.
3. Maintain the master change file, Program Control Number (PCN) file.
4. Provide a Configuration Control Board Secretariat to serve as a CCB member on the MSRR-1 & EC Level III and IV CCBs and QMI Level IV CCB IAW 8040.1.
5. Provide CPTAS change tracking and status IAW MPG 8040.1 and MSFC-MNL-1951.
6. Support major design/technical reviews utilizing the automated Review Item Discrepancy (RID) system.

DM Support for MSRR-1, MSRR-1/EC, and QMI

The contractor shall provide Data Management (DM) and DM-related support to acquire, catalog, track, maintain, and distribute data in support of the MSRF Project. Specific tasks include:

1. Maintain the MSRF Data Management Plan (MWI 7120.5).
2. Support documentation management, such as compiling technical review and acceptance data packages, management of records, and develop and maintain program/project master list (s).

4/17/02/11/02

PWI Sensitive Material

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**TASK ORDER
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3.10. Support technical design reviews IAW program/project specific plans and the Review Item Discrepancy (RID) database in accordance IAW MSFC-MNL-2110.

1. Attend MSRR-1 PDT and record minutes.

SPECIAL INSTRUCTIONS:

The contractor shall notify the COTR when 75% of cost is incurred and/or no later than 1 week prior to depletion of funds.

~~NOTE~~

Quality records will be maintained IAW MPG1440.2

All project technical review milestones are subject to project schedules.

SCHEDULE AND/OR MILESTONES:

CM Support for MSRR-1, MSRR-1/EC, and QMI

MSRR-1 & EC	IPL CDR Assist and/or prepare and review CDR Plan Attend RID Screening meetings File Quality Records	Jan02
MSRR-1 & EC	IPL Pre-Board Status RID Issues Record Minutes Track Board CCB Actions File Quality Records	Mar02
MSRR-1 & EC	IPL Board (if necessary) Status RID Issues Record Minutes Track Board CCB Actions File Quality Records	Apr02

~~4/17/02 4/11/02~~

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PWI Sensitive Material

**TASK ORDER
CDM SERVICES CONTRACT**

MSRF Review Configuration Management Plan Mar02
Put CM Plan on PDT agenda to assess whether
changes need to be incorporated

QMI Ground Unit #1 delivery to ESA Apr02
As-Built vs. As-Designed Comparison Check
Assist in ADP preparation
Prepare Waiver/Deviation Records
File Quality Records

DM Support for MSRR-1, MSRR-1/EC, and QMI

MSRR-1 & EC IPL CDR Jan02
Assemble technical review package
Track action items

MSRR-1 & EC IPL Pre-Board Mar02
Assemble Pre-Board Presentation
Status action items

MSRR-1 & EC IPL Board (if necessary) May02
Assemble Board Presentation
Status action items

MSRF Review Data Management Plan Mar02
Put DM Plan on PDT agenda to assess whether
changes need to be incorporated

QMI Ground Unit #1 delivery to ESA Feb02

CWC:	PERFORMANCE STANDARDS: J-5, WBS 1.1, 1.3, Cost Control and Customer Satisfaction
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WBS: 1.3	
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Period of Performance: 9/1/01 – 8/31/02	
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**TASK ORDER
CDM SERVICES CONTRACT**

CONTRACT #: NAS8-01121

TASK ORDER #: CD30-00-001 (CO30-001/2/3/4)

UPN: 251-30-07

DATE: 10/12/01

Program/Project/Office: Technology Transfer Department

TASK DESCRIPTIONS:

The contractor shall perform the tasks under WBS 1.5 of this contract to support the Technology Transfer Office.

1. In accordance with CD30-OWI-001, PWI will maintain and update NASA databases, such as the NASA Technology Tracking System (TechTracS), Information Technology (IT), and Technology Inventory databases. The databases are used to control and track the status of Technology Transfer Department (TTD) initiatives and activities. This task includes input and querying of the databases and developing reports, as well as creating, as needed, and maintaining web-based information sources for reporting new technology and commercialization initiatives.
2. In accordance with CD30-OWI-001, PWI will support the MSFC Small Business Innovation Research/Small Business Technology Transfer (SBIR/STTR) team, including coordination with MSFC Program/Project contacts, Contracting Officer's Technical Representative (COTRs), Procurement, and other NASA centers, as needed. PWI will use NASA's Electronic Handbook (EHB) and Excel to provide reports on SBIR/STTR solicitation development and proposal rankings, and will use TechTracS for SBIR/STTR contract data.
3. In accordance with CD30-OWI-001, PWI will perform data maintenance, tracking, analyses, and validation of documentation to support Commercialization Assistance Team (CAT) and Software Usage Agreement (SUA) activities. PWI will provide MSFC inputs to update and maintain TechTracS, and other relevant databases. Also, PWI will create, as needed, and maintain web-based data sources which contribute to new technology reporting, publication, and commercialization.
4. In accordance with CD30-OWI-001, PWI will develop and review documentation, as needed, by the Technology Transfer Department, using the SBIR/STTR EHB and TechTracS, as needed.
5. In accordance with CD30-OWI-001, PWI will provide support to internal and external meetings, provide minutes and corresponding follow-on actions as required, by the Technology Transfer Department.

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SPECIAL INSTRUCTIONS:

SCHEDULE AND/OR MILESTONES:

Provide TechTracs (TTS) Database Report (SUA/Lic/NTR/Compliance) – 01/31/02, 03/31/02, and 06/30/02
 Develop SBIR/STTR report – 01/31/02, 08/31/02
 Update/Input SBIR/STTR contract data to TechTracs – 01/31/02
 Generate Royalty/Annual Report Reminder Letters – 01/31/02, 03/31/02, 06/30/02
 Complete "Patents Available for Licensing" project – 08/31/02
 Identify TTS data gaps to improve reporting capabilities – 08/31/02
 Implement automatic TechTracs action reminder enhancements – 08/31/02
 Complete FY02 Technology Inventory Database Input – 08/31/02
 Provide TTD meeting minutes – 01/31/02, 03/31/02, 06/30/02
 Develop/review documentation for the Technology Transfer Department – 01/31/02, 08/31/02
 Review Task Order/Implementation Plan – 03/01/02

CWC:	PERFORMANCE STANDARDS: J-5, WBS 1.1, 1.5, Cost Control and Customer Satisfaction
WBS: 1.5	
Period of Performance: 9/1/01 - 8/31/02	

**TASK ORDER
CDM SERVICES CONTRACT**

CONTRACT #: NAS8-01121

UPN: 903-01-90

TASK ORDER #: TD11-00-001

DATE: 2-27-02

Program/Project/Office: CDM Support for ELV Project Office

TASK DESCRIPTIONS:

The contractor shall perform the tasks under WBS 1.3 of this contract to provide the ELV Project CDM support.

Task 1: Data Management Support

Provide Data Management support to define, implement, and maintain a program CM system that complies with NASA, MSFC. MPG8040.1, and program unique requirements and accommodates all external and internal CM interfaces.

- a. Develop and deliver a combined Configuration and Data Management (CDM) Plan
- b. Perform secretariat functions for the CDM plan, project plan, risk management plan, project requirements document.

**TASK ORDER
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SPECIAL INSTRUCTIONS:

All project technical review milestones are subject to project schedules.

Quality records will be maintained IAW MPG 1440.2.

SCHEDULE AND/OR MILESTONES:

Draft Configuration and Data Mgmt Plan 2/02

CDM Plan Review 3/02

CDM Plan Board Action (14 days following completion of the review)

CWC:	PERFORMANCE STANDARDS: J-5, WBS 1.1, 1.3, Cost and customer satisfaction
WBS: 1.3	
Period of Performance: 02/01/02 – 8/31/02	

TASK ORDER
CDM SERVICES CONTRACT

CONTRACT #: NAS8-01121
UPN:

TASK ORDER #: SLI-00-002
DATE: 10/12/01

Program/Project/Office: RS-83 CDM Support for 2nd Generation RLV

TASK DESCRIPTIONS:

The contractor shall perform the tasks under WBS 1.3 of this contract to provide the 2nd Generation RLV CDM support.

PWI will perform the following tasks:

1. Provide Configuration Management (CM) support to define, implement, and maintain a project CM system that complies with NASA, MSFC MPG 8040.1, and project unique requirements and accommodates all external and internal CM interfaces.
 - This function includes: draft the CM Plan per MWI 8040.1. Plans will be reviewed on a six-month schedule. Outstanding changes will be incorporated then.
 - Act as the CCB Administrator (Secretariat) per MWI 8040.2
 - Process and account changes, deviations, and waivers to the configuration baseline per MWI 8040.2 and MWI 8040.3
 - Process and account program and contractor changes, deviations, and waivers through the project CM system as specified in the Project CM Requirements or Plan.
 - Provide support to project to define CM requirements for contract SOW's and CM Data Requirements.
 - Review CM-related data deliverables when received by the project (at Design Reviews, etc.).
 - Provide training to Project Personnel for CM processes.
2. Perform CM audits per MWI 8040.7 or appropriate program documents, and certify CM System.
3. Provide Data Management (DM) support to the Program/Project Data Manager to define, implement, and maintain a project DM system that complies with NASA, MSFC, and project unique requirements and accommodates all external and internal DM interfaces.
 - This includes: draft the DM Plan per MWI 7120.5. Plans will be reviewed on a six-month schedule. Outstanding changes will be incorporated then.
 - Administer the Document Control Process (DCP) (for non-configuration documentation) per MPG 7120.3.
 - Provide support to project to define DM requirements for contract Statement of Work and DM Data Requirements.
 - Review DM-related data deliverables when received by the project (at Design Reviews, etc.).
 - Support Records Management planning.
 - And provide training to Project personnel for DM processes.

TASK ORDER
CDM SERVICES CONTRACT

4. Support the identification/definition of Project data requirements, overall project requirements, contractor and in-house supplied.
5. Track and receive deliverable data per the project DPD, IDR, and DRL (or equivalent).
6. Develop Project Master List per MPG 7120.3 through the PDS database.
 - Serve as Project Master List Custodian
7. Support administration of Technical/Design Reviews
 - Compile technical/design review packages
 - Compile Acceptance Data Package
8. Create and maintain a program/project library (reference data).
 - Hardcopy or electronic.
 - Maintain library files and index.
9. Coordinate updates to program/project DPD, DR, IDR.
 - Revise, delete and add to each program/project as requested by the COTR.
10. Implement the SLI Program/Project PDS interface.
 - Provide training and instructions to all program/project personnel.
11. Provide the Program/Project with a Receipt/Release Desk.
 - Enter data into Change Processing, Tracking and Accounting System (CPTAS).
 - Develop and maintain Program Change Number (PCN) files.

SPECIAL INSTRUCTIONS:

All project technical review milestones are subject to project schedules.

Quality records will be maintained IAW MPG 1440.2.

~~Cancellation of this Task Order by the Originator prior to the completion of the Period of Performance specified below requires a minimum of 30 days written notice.~~

*TV 10/12/01 Jim 10/12/01
OR 10/12/01*

The contractor shall notify the COTR when 75% of cost is incurred and/or no later than 1 week prior to depletion of funds.

**TASK ORDER
CDM SERVICES CONTRACT**

SCHEDULE AND/OR MILESTONES:

CM Plan Draft	12/2001
DM Plan Draft	12/2001
Architecture/Risk Review	02/2002
Engine Requirements Review	03/2002
PDR	07/2002
CM Plan Complete	05/2002
DM Plan Complete	05/2002

CWC:	PERFORMANCE STANDARDS: J-5, WBS 1.1, 1.3, Cost Control and Customer Satisfaction
WBS: 1.3	
PERIOD OF PERFORMANCE: 9/01/01 – 8/31/02	

**TASK ORDER
CDM SERVICES CONTRACT**

CONTRACT #: NAS8-01121

UPN:

TASK ORDER #: SLI-00-003

DATE: 10/12/01

Program/Project/Office: IVHM CDM Support for 2nd Generation RLV

TASK DESCRIPTIONS:

The contractor shall perform the tasks under WBS 1.3 of this contract to provide the 2nd Generation RLV CDM support.

PWI will perform the following tasks:

1. Provide Configuration Management (CM) support to define, implement, and maintain a project CM system that complies with NASA, MSFC MPG 8040.1, and project unique requirements and accommodates all external and internal CM interfaces.
 - This function includes: draft the CM Plan per MWI 8040.1. Plans will be reviewed on a six-month schedule. Outstanding changes will be incorporated then.
 - Act as the CCB Administrator (Secretariat) per MWI 8040.2
 - Process and account changes, deviations, and waivers to the configuration baseline per MWI 8040.2 and MWI 8040.3
 - Process and account program and contractor changes, deviations, and waivers through the project CM system as specified in the Project CM Requirements or Plan.
 - Provide support to project to define CM requirements for contract SOW's and CM Data Requirements.
 - Review CM-related data deliverables when received by the project (at Design Reviews, etc.).
 - Provide training to Project Personnel for CM processes.
2. Perform CM audits per MWI 8040.7 or appropriate program documents, and certify CM System.
3. Provide Data Management (DM) support to the Program/Project Data Manager to define, implement, and maintain a project DM system that complies with NASA, MSFC, and project unique requirements and accommodates all external and internal DM interfaces.
 - This includes: draft the DM Plan per MWI 7120.5. Plans will be reviewed on a six-month schedule. Outstanding changes will be incorporated then.
 - Administer the Document Control Process (DCP) (for non-configuration documentation) per MPG 7120.3.
 - Provide support to project to define DM requirements for contract Statement of Work and DM Data Requirements.
 - Review DM-related data deliverables when received by the project (at Design Reviews, etc.).
 - Support Records Management planning.
 - And provide training to Project personnel for DM processes.

TASK ORDER
CDM SERVICES CONTRACT

4. Support the identification/definition of Project data requirements, overall project requirements, contractor and in-house supplied.
5. Track and receive deliverable data per the project DPD, IDRD, and DRL (or equivalent).
6. Develop Project Master List per MPG 7120.3 through the PDS database.
 - Serve as Project Master List Custodian
7. Support administration of Technical/Design Reviews
 - Compile technical/design review packages
 - Compile Acceptance Data Package
9. Create and maintain a program/project library (reference data).
 - Hardcopy or electronic.
 - Maintain library files and index.
10. Coordinate updates to program/project DPD, DR, IDRD.
 - Revise, delete and add to each program/project as requested by the COTR.
11. Implement the SLI Program/Project PDS interface.
 - Provide training and instructions to all program/project personnel.
12. Provide the Program/Project with a Receipt/Release Desk.
 - Enter data into Change Processing, Tracking and Accounting System (CPTAS).
 - Develop and maintain Program Change Number (PCN) files.

SPECIAL INSTRUCTIONS:

Quality records will be maintained IAW MPG 1440.2.

**TASK ORDER
CDM SERVICES CONTRACT**

~~Cancellation of this Task Order by the Originator prior to the completion of the Period of Performance specified below requires a minimum of 30 days written notice.~~

*TV 10/12/01 Jim 10/14/01
UC 10/12/01*

The contractor shall notify the COTR when 75% of cost is incurred and/or no later than 1 week prior to depletion of funds.

SCHEDULE AND/OR MILESTONES:

CM Plan Draft	02/2002
DM Plan Draft	02/2002
CM Plan Complete	07/2002
DM Plan Complete	07/2002

CWC:	PERFORMANCE STANDARDS: J-5, WBS 1.1, 1.3, Cost Control and Customer Satisfaction
WBS: 1.3	
PERIOD OF PERFORMANCE: 9/01/01 – 8/31/02	

**TASK ORDER
CDM SERVICES CONTRACT**

CONTRACT #: NAS8-01121
UPN:

TASK ORDER #: SLI-00-004
DATE: 10/12/01

Program/Project/Office: Flight Demos CDM Support for 2nd Generation RLV

TASK DESCRIPTIONS:

The contractor shall perform the tasks under WBS 1.3 of this contract to provide the 2nd Generation RLV CDM support.

PWI will perform the following tasks:

1. Provide Configuration Management (CM) support to define, implement, and maintain a project CM system that complies with NASA, MSFC MPG 8040.1, and project unique requirements and accommodates all external and internal CM interfaces.
 - This function includes: draft the CM Plan per MWI 8040.1. Plans will be reviewed on a six-month schedule. Outstanding changes will be incorporated then.
 - Act as the CCB Administrator (Secretariat) per MWI 8040.2
 - Process and account changes, deviations, and waivers to the configuration baseline per MWI 8040.2 and MWI 8040.3
 - Process and account program and contractor changes, deviations, and waivers through the project CM system as specified in the Project CM Requirements or Plan.
 - Provide support to project to define CM requirements for contract SOW's and CM Data Requirements.
 - Review CM-related data deliverables when received by the project (at Design Reviews, etc.).
 - Provide training to Project Personnel for CM processes.
2. Perform CM audits per MWI 8040.7 or appropriate program documents, and certify CM System.
3. Provide Data Management (DM) support to the Program/Project Data Manager to define, implement, and maintain a project DM system that complies with NASA, MSFC, and project unique requirements and accommodates all external and internal DM interfaces.
 - This includes: draft the DM Plan per MWI 7120.5. Plans will be reviewed on a six-month schedule. Outstanding changes will be incorporated then.
 - Administer the Document Control Process (DCP) (for non-configuration documentation) per MPG 7120.3.
 - Provide support to project to define DM requirements for contract Statement of Work and DM Data Requirements.
 - Review DM-related data deliverables when received by the project (at Design Reviews, etc.).
 - Support Records Management planning.
 - And provide training to Project personnel for DM processes.

TASK ORDER
CDM SERVICES CONTRACT

4. Support the identification/definition of Project data requirements, overall project requirements, contractor and in-house supplied.
5. Track and receive deliverable data per the project DPD, IDRD, and DRL (or equivalent).
6. Develop Project Master List per MPG 7120.3 through the PDS database.
 - Serve as Project Master List Custodian
7. Support administration of Technical/Design Reviews
 - Compile technical/design review packages
 - Compile Acceptance Data Package
9. Create and maintain a program/project library (reference data).
 - Hardcopy or electronic.
 - Maintain library files and index.
10. Coordinate updates to program/project DPD, DR, IDRD.
 - Revise, delete and add to each program/project as requested by the COTR.
11. Implement the SLI Program/Project PDS interface.
 - Provide training and instructions to all program/project personnel.
12. Provide the Program/Project with a Receipt/Release Desk.
 - Enter data into Change Processing, Tracking and Accounting System (CPTAS).
 - Develop and maintain Program Change Number (PCN) files.

SPECIAL INSTRUCTIONS:

Quality records will be maintained IAW MPG 1440.2.

**TASK ORDER
CDM SERVICES CONTRACT**

~~Cancellation of this Task Order by the Originator prior to the completion of the Period of Performance specified below requires a minimum of 30 days written notice.~~ *TV 10/12/01 gm 10/12/01
OR 10/12/01*

The contractor shall notify the COTR when 75% of cost is incurred and/or no later than 1 week prior to depletion of funds.

SCHEDULE AND/OR MILESTONES:

CM Plan Draft	02/2002
DM Plan Draft	02/2002
CM Plan Complete	07/2002
DM Plan Complete	07/2002

CWC:	PERFORMANCE STANDARDS: J-5, WBS 1.1, 1.3, Cost Control and Customer Satisfaction
WBS: 1.3	
PERIOD OF PERFORMANCE: 9/01/01 – 8/31/02	

**TASK ORDER
CDM SERVICES CONTRACT**

CONTRACT #: NAS8-01121
UPN:

TASK ORDER #: SLI-00-005
DATE: 10/12/01

Program/Project/Office: Flight Mechanics CDM Support for 2nd Generation RLV

TASK DESCRIPTIONS:

The contractor shall perform the tasks under WBS 1.3 of this contract to provide the 2nd Generation RLV CDM support.

PWI will perform the following tasks:

1. Provide Configuration Management (CM) support to define, implement, and maintain a project CM system that complies with NASA, MSFC MPG 8040.1, and project unique requirements and accommodates all external and internal CM interfaces.
 - This function includes: draft the CM Plan per MWI 8040.1. Plans will be reviewed on a six-month schedule. Outstanding changes will be incorporated then.
 - Act as the CCB Administrator (Secretariat) per MWI 8040.2
 - Process and account changes, deviations, and waivers to the configuration baseline per MWI 8040.2 and MWI 8040.3
 - Process and account program and contractor changes, deviations, and waivers through the project CM system as specified in the Project CM Requirements or Plan.
 - Provide support to project to define CM requirements for contract SOW's and CM Data Requirements.
 - Review CM-related data deliverables when received by the project (at Design Reviews, etc.).
 - Provide training to Project Personnel for CM processes.
2. Perform CM audits per MWI 8040.7 or appropriate program documents, and certify CM System.
3. Provide Data Management (DM) support to the Program/Project Data Manager to define, implement, and maintain a project DM system that complies with NASA, MSFC, and project unique requirements and accommodates all external and internal DM interfaces.
 - This includes: draft the DM Plan per MWI 7120.5. Plans will be reviewed on a six-month schedule. Outstanding changes will be incorporated then.
 - Administer the Document Control Process (DCP) (for non-configuration documentation) per MPG 7120.3.
 - Provide support to project to define DM requirements for contract Statement of Work and DM Data Requirements.
 - Review DM-related data deliverables when received by the project (at Design Reviews, etc.).
 - Support Records Management planning.
 - And provide training to Project personnel for DM processes.

TASK ORDER
CDM SERVICES CONTRACT

4. Support the identification/definition of Project data requirements, overall project requirements, contractor and in-house supplied.
5. Track and receive deliverable data per the project DPD, IDR, and DRL (or equivalent).
6. Develop Project Master List per MPG 7120.3 through the PDS database.
 - Serve as Project Master List Custodian
7. Support administration of Technical/Design Reviews
 - Compile technical/design review packages
 - Compile Acceptance Data Package
- ~~8. Develop and maintain an integrated program/project action item tracking database.
 - ~~• Provide status and accounting reports of program/project actions~~~~
9. Create and maintain a program/project library (reference data).
 - Hardcopy or electronic.
 - Maintain library files and index.
10. Coordinate updates to program/project DPD, DR, IDR.
 - Revise, delete and add to each program/project as requested by the COTR.
11. Implement the SLI Program/Project PDS interface.
 - Provide training and instructions to all program/project personnel.
12. Provide the Program/Project with a Receipt/Release Desk.
 - Enter data into Change Processing, Tracking and Accounting System (CPTAS).
 - Develop and maintain Program Change Number (PCN) files.

gms
10/3/01

**TASK ORDER
CDM SERVICES CONTRACT**

SPECIAL INSTRUCTIONS:

Quality records will be maintained IAW MPG 1440.2.

~~Cancellation of this Task Order by the Originator prior to the completion of the Period of Performance specified below requires a minimum of 30 days written notice.~~

*TV 10/12/01 Jim 10/12/01
OK 10/12/01*

The contractor shall notify the COTR when 75% of cost is incurred and/or no later than 1 week prior to depletion of funds.

SCHEDULE AND/OR MILESTONES:

CM Plan Draft	02/2002
DM Plan Draft	02/2002
CM Plan Complete	07/2002
DM Plan Complete	07/2002

CWC:	PERFORMANCE STANDARDS: J-5, WBS 1.1, 1.3, Cost Control and Customer Satisfaction
WBS: 1.3	
PERIOD OF PERFORMANCE: 9/01/01 – 8/31/02	

TASK ORDER
CDM SERVICES CONTRACT

CONTRACT #: NAS8-01121
UPN:

TASK ORDER #: SLI-00-006
DATE: 10/12/01

Program/Project/Office: OSC Dart CDM Support for 2nd Generation RLV

TASK DESCRIPTIONS:

The contractor shall perform the tasks under WBS 1.3 of this contract to provide the 2nd Generation RLV CDM support.

PWI will perform the following tasks:

1. Provide Configuration Management (CM) support to define, implement, and maintain a project CM system that complies with NASA, MSFC MPG 8040.1, and project unique requirements and accommodates all external and internal CM interfaces.
 - This function includes: draft the CM Plan per MWI 8040.1. Plans will be reviewed on a six-month schedule. Outstanding changes will be incorporated then.
 - Act as the CCB Administrator (Secretariat) per MWI 8040.2
 - Process and account changes, deviations, and waivers to the configuration baseline per MWI 8040.2 and MWI 8040.3
 - Process and account program and contractor changes, deviations, and waivers through the project CM system as specified in the Project CM Requirements or Plan.
 - Provide support to project to define CM requirements for contract SOW's and CM Data Requirements.
 - Review CM-related data deliverables when received by the project (at Design Reviews, etc.).
 - Provide training to Project Personnel for CM processes.
2. Perform CM audits per MWI 8040.7 or appropriate program documents, and certify CM System.
3. Provide Data Management (DM) support to the Program/Project Data Manager to define, implement, and maintain a project DM system that complies with NASA, MSFC, and project unique requirements and accommodates all external and internal DM interfaces.
 - This includes: draft the DM Plan per MWI 7120.5. Plans will be reviewed on a six-month schedule. Outstanding changes will be incorporated then.
 - Administer the Document Control Process (DCP) (for non-configuration documentation) per MPG 7120.3.
 - Provide support to project to define DM requirements for contract Statement of Work and DM Data Requirements.
 - Review DM-related data deliverables when received by the project (at Design Reviews, etc.).
 - Support Records Management planning.
 - And provide training to Project personnel for DM processes.

TASK ORDER
CDM SERVICES CONTRACT

4. Support the identification/definition of Project data requirements, overall project requirements, contractor and in-house supplied.
5. Track and receive deliverable data per the project DPD, IDRD, and DRL (or equivalent).
6. Develop Project Master List per MPG 7120.3 through the PDS database.
 - Serve as Project Master List Custodian
7. Support administration of Technical/Design Reviews
 - Compile technical/design review packages
 - Compile Acceptance Data Package
- ~~8. Develop and maintain an integrated program/project action item tracking database.
 - Provide status and accounting reports of program/project actions DNJ *Jm 10/24/01*~~
9. Create and maintain a program/project library (reference data).
 - Hardcopy or electronic.
 - Maintain library files and index.
10. Coordinate updates to program/project DPD, DR, IDRD.
 - Revise, delete and add to each program/project as requested by the COTR.
11. Implement the SLI Program/Project PDS interface.
 - Provide training and instructions to all program/project personnel.
12. Provide the Program/Project with a Receipt/Release Desk.
 - Enter data into Change Processing, Tracking and Accounting System (CPTAS).
 - Develop and maintain Program Change Number (PCN) files.

**TASK ORDER
CDM SERVICES CONTRACT**

SPECIAL INSTRUCTIONS:

Quality records will be maintained IAW MPG 1440.2.

~~Cancellation of this Task Order by the Originator prior to the completion of the Period of Performance specified below requires a minimum of 30 days written notice.~~

*TV 10/12/01 Jim 10/12/01
OK 10/12/01*

The contractor shall notify the COTR when 75% of cost is incurred and/or no later than 1 week prior to depletion of funds.

SCHEDULE AND/OR MILESTONES:

PDR	01/2002
CM Plan Draft	02/2002
DM Plan Draft	02/2002
CM Plan Complete	07/2002
DM Plan Complete	07/2002
CDR	02/2002

CWC:	PERFORMANCE STANDARDS: J-5, WBS 1.1, 1.3, Cost Control and Customer Satisfaction
WBS: 1.3	
PERIOD OF PERFORMANCE: 9/01/01 – 8/31/02	

**TASK ORDER
CDM SERVICES CONTRACT**

CONTRACT #: NAS8-01121
UPN:

TASK ORDER #: SLI-00-007
DATE: 10/12/01

Program/Project/Office: MPS/APS CDM Support for 2nd Generation RLV

TASK DESCRIPTIONS:

The contractor shall perform the tasks under WBS 1.3 of this contract to provide the 2nd Generation RLV CDM support.

PWI will perform the following tasks:

1. Provide Configuration Management (CM) support to define, implement, and maintain a project CM system that complies with NASA, MSFC MPG 8040.1, and project unique requirements and accommodates all external and internal CM interfaces.
 - This function includes: draft the CM Plan per MWI 8040.1. Plans will be reviewed on a six-month schedule. Outstanding changes will be incorporated then.
 - Act as the CCB Administrator (Secretariat) per MWI 8040.2
 - Process and account changes, deviations, and waivers to the configuration baseline per MWI 8040.2 and MWI 8040.3
 - Process and account program and contractor changes, deviations, and waivers through the project CM system as specified in the Project CM Requirements or Plan.
 - Provide support to project to define CM requirements for contract SOW's and CM Data Requirements.
 - Review CM-related data deliverables when received by the project (at Design Reviews, etc.).
 - Provide training to Project Personnel for CM processes.
2. Perform CM audits per MWI 8040.7 or appropriate program documents, and certify CM System.
3. Provide Data Management (DM) support to the Program/Project Data Manager to define, implement, and maintain a project DM system that complies with NASA, MSFC, and project unique requirements and accommodates all external and internal DM interfaces.
 - This includes: draft the DM Plan per MWI 7120.5. Plans will be reviewed on a six-month schedule. Outstanding changes will be incorporated then.
 - Administer the Document Control Process (DCP) (for non-configuration documentation) per MPG 7120.3.
 - Provide support to project to define DM requirements for contract Statement of Work and DM Data Requirements.
 - Review DM-related data deliverables when received by the project (at Design Reviews, etc.).
 - Support Records Management planning.
 - And provide training to Project personnel for DM processes.

TASK ORDER
CDM SERVICES CONTRACT

4. Support the identification/definition of Project data requirements, overall project requirements, contractor and in-house supplied.
5. Track and receive deliverable data per the project DPD, IDRD, and DRL (or equivalent).
6. Develop Project Master List per MPG 7120.3 through the PDS database.
 - Serve as Project Master List Custodian
7. Support administration of Technical/Design Reviews
 - Compile technical/design review packages
 - Compile Acceptance Data Package.
8. Create and maintain a program/project library (reference data).
 - Hardcopy or electronic.
 - Maintain library files and index.
9. Coordinate updates to program/project DPD, DR, IDRD.
 - Revise, delete and add to each program/project as requested by the COTR.
10. Implement the SLI Program/Project PDS interface.
 - Provide training and instructions to all program/project personnel.
11. Provide the Program/Project with a Receipt/Release Desk.
 - Enter data into Change Processing, Tracking and Accounting System (CPTAS).
 - Develop and maintain Program Change Number (PCN) files.

SPECIAL INSTRUCTIONS:

Quality records will be maintained IAW MPG 1440.2.

**TASK ORDER
CDM SERVICES CONTRACT**

All project technical review milestones are subject to project schedules.

~~Cancellation of this Task Order by the Originator prior to the completion of the Period of Performance specified below requires a minimum of 30 days written notice.~~

*TV 10/12/01 Im 10/12/01
cc 10/12/01*

The contractor shall notify the COTR when 75% of cost is incurred and/or no later than 1 week prior to depletion of funds.

SCHEDULE AND/OR MILESTONES:

Hot Fire Test Readiness Review	10/2001
APS/RCS Valves PDR	12/2001
MPS Crossfeed Valve PRD	01/2002
Architecture/Risk Review	02/2002
Engine Requirements Review	03/2002
CM Plan Draft	03/2002
DM Plan Draft	03/2002
Dual Thrust Engine PDR	05/2002
CM Plan Complete	08/2002
DM Plan Complete	08/2002

CWC:	PERFORMANCE STANDARDS: J-5, WBS 1.1, 1.3, Cost Control and Customer Satisfaction
WBS: 1.3	
PERIOD OF PERFORMANCE: 9/01/01 – 8/31/02	

TASK ORDER
CDM SERVICES CONTRACT

CONTRACT #: NAS8-01121
UPN:

TASK ORDER #: SLI-00-008

DATE: 10/12/01

Program/Project/Office: Upper Stages CDM Support for 2nd Generation RLV

TASK DESCRIPTIONS:

The contractor shall perform the tasks under WBS 1.3 of this contract to provide the 2nd Generation RLV CDM support.

PWI will perform the following tasks:

1. Provide Configuration Management (CM) support to define, implement, and maintain a project CM system that complies with NASA, MSFC MPG 8040.1, and project unique requirements and accommodates all external and internal CM interfaces. Project Plan will reflect that CM will be at the Propulsion Office Board.
 - This function includes: draft the CM Plan per MWI 8040.1. Plans will be reviewed on a six-month schedule. Outstanding changes will be incorporated then.
 - Act as the CCB Administrator (Secretariat) per MWI 8040.2
 - Process and account changes, deviations, and waivers to the configuration baseline per MWI 8040.2 and MWI 8040.3
 - Process and account program and contractor changes, deviations, and waivers through the project CM system as specified in the Project CM Requirements or Plan.
 - Provide support to project to define CM requirements for contract SOW's and CM Data Requirements.
 - Review CM-related data deliverables when received by the project (at Design Reviews, etc.).
 - Provide training to Project Personnel for CM processes.
2. Perform CM audits per MWI 8040.7 or appropriate program documents, and certify CM System.
3. Provide Data Management (DM) support to the Program/Project Data Manager to define, implement, and maintain a project DM system that complies with NASA, MSFC, and project unique requirements and accommodates all external and internal DM interfaces. The Project Plan will reflect that DM will be at the Propulsion Office level.
 - This includes: draft the DM Plan per MWI 7120.5. Plans will be reviewed on a six-month schedule. Outstanding changes will be incorporated then.
 - Administer the Document Control Process (DCP) (for non-configuration documentation) per MPG 7120.3.
 - Provide support to project to define DM requirements for contract Statement of Work and DM Data Requirements.
 - Review DM-related data deliverables when received by the project (at Design Reviews, etc.).

TASK ORDER
CDM SERVICES CONTRACT

- Support Records Management planning.
 - And provide training to Project personnel for DM processes.
4. Support the identification/definition of Project data requirements, overall project requirements, contractor and in-house supplied.
 5. Track and receive deliverable data per the project DPD, IDRD, and DRL (or equivalent).
 6. Develop Project Master List per MPG 7120.3 through the PDS database.
 - Serve as Project Master List Custodian
 7. Coordinate updates to program/project DPD, DR, IDRD.
 - Revise, delete and add to each program/project as requested by the COTR.
 8. Implement the SLI Program/Project PDS interface.
 - Provide training and instructions to all program/project personnel.
 9. Provide the Program/Project with a Receipt/Release Desk.
 - Enter data into Change Processing, Tracking and Accounting System (CPTAS).
 - Develop and maintain Program Change Number (PCN) files.

SPECIAL INSTRUCTIONS:

Quality records will be maintained IAW MPG 1440.2.

All project technical review milestones are subject to project schedules.

~~Cancellation of this Task Order by the Originator prior to the completion of the Period of Performance specified below requires a minimum of 30 days written notice.~~

TK 10/2/01 Jm 10/2/01
cc 10/12/01

**TASK ORDER
CDM SERVICES CONTRACT**

The contractor shall notify the COTR when 75% of cost is incurred and/or no later than 1 week prior to depletion of funds.

SCHEDULE AND/OR MILESTONES:

CWC:	PERFORMANCE STANDARDS: J-5, WBS 1.1, 1.3, Cost Control and Customer Satisfaction
WBS: 1.3	
PERIOD OF PERFORMANCE: 9/01/01 – 8/31/02	

LABOR HOURS: 847

LABOR CATEGORIES:
Senior Engineer (.2)
C&DM Specialist (.2)
Senior Engineer (.08)

TRAVEL COST: N/A

SUBCONTRACTOR LABOR HOURS:
N/A

SUBCONTRACTOR LABOR COST:
N/A

TRAINING TYPES:
N/A

TRAINING COST:
N/A

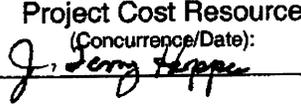
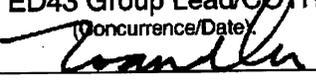
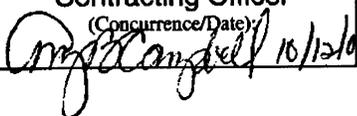
OTHER RESOURCES REQUIRED: N/A

BURDENED COST RATE: \$30,577

FEE COST: \$1,968

TOTAL COST: \$32,545

Approval/Concurrence

Project Manager (Concurrence/Date): 	Project Cost Resource (Concurrence/Date): 	ED43 Group Lead/COTR (Concurrence/Date): 	Contracting Officer (Concurrence/Date):  10/12/01
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TASK ORDER
CDM SERVICES CONTRACT

CONTRACT #: NAS8-01121
UPN:

TASK ORDER #: SLI-00-009
DATE: 10/12/01

Program/Project/Office: Propulsion Special Studies CDM Support for 2nd Generation RLV

TASK DESCRIPTIONS:

The contractor shall perform the tasks under WBS 1.3 of this contract to provide the 2nd Generation RLV CDM support.

PWI will perform the following tasks:

1. Provide Data Management (DM) support to the Program/Project Data Manager to define, implement, and maintain a project DM system that complies with NASA, MSFC, and project unique requirements and accommodates all external and internal DM interfaces.
 - This includes: draft the DM Plan per MWI 7120.5. Plans will be reviewed on a six-month schedule. Outstanding changes will be incorporated then.
 - Administer the Document Control Process (DCP) (for non-configuration documentation) per MPG 7120.3.
 - Provide support to project to define DM requirements for contract Statement of Work and DM Data Requirements.
 - Review DM-related data deliverables when received by the project (at Design Reviews, etc.).
 - Support Records Management planning.
 - And provide training to Project personnel for DM processes.
2. Support the identification/definition of Project data requirements, overall project requirements, contractor and in-house supplied.
3. Track and receive deliverable data per the project DPD, IDRD, and DRL (or equivalent).
4. Develop Project Master List per MPG 7120.3 through the PDS database.
 - Serve as Project Master List Custodian
5. Create and maintain a program/project library (reference data).
 - Hardcopy or electronic.
 - Maintain library files and index.
6. Coordinate updates to program/project DPD, DR, IDRD.
 - Revise, delete and add to each program/project as requested by the COTR.

**TASK ORDER
CDM SERVICES CONTRACT**

7. Implement the SLI Program/Project PDS interface.
 - Provide training and instructions to all program/project personnel.

8. Provide the Program/Project with a Receipt/Release Desk.
 - Enter data into Change Processing, Tracking and Accounting System (CPTAS).
 - Develop and maintain Program Change Number (PCN) files.

SPECIAL INSTRUCTIONS:

Quality records will be maintained IAW MPG 1440.2.

All project technical review milestones are subject to project schedules.

~~Cancellation of this Task Order by the Originator prior to the completion of the Period of Performance specified below requires a minimum of 30 days written notice.~~ *TV 10/12/01 gm 10/12/01
@ 10/15/01*

The contractor shall notify the COTR when 75% of cost is incurred and/or no later than 1 week prior to depletion of funds.

SCHEDULE AND/OR MILESTONES:

DM Plan Draft	04/2002
DM Plan Complete	08/2002

TASK ORDER
CDM SERVICES CONTRACT

CONTRACT #: NAS8-01121
UPN:

TASK ORDER #: SLI-00-010
DATE: 10/12/01

Program/Project/Office: RSTS CDM Support for 2nd Generation RLV

TASK DESCRIPTIONS:

The contractor shall perform the tasks under WBS 1.3 of this contract to provide the 2nd Generation RLV CDM support.

PWI will perform the following tasks:

1. Provide Configuration Management (CM) support to define, implement, and maintain a project CM system that complies with NASA, MSFC MPG 8040.1, and project unique requirements and accommodates all external and internal CM interfaces.
 - This function includes: draft the CM Plan per MWI 8040.1. Plans will be reviewed on a six-month schedule. Outstanding changes will be incorporated then.
 - Act as the CCB Administrator (Secretariat) per MWI 8040.2
 - Process and account changes, deviations, and waivers to the configuration baseline per MWI 8040.2 and MWI 8040.3
 - Process and account program and contractor changes, deviations, and waivers through the project CM system as specified in the Project CM Requirements or Plan.
 - Provide support to project to define CM requirements for contract SOW's and CM Data Requirements.
 - Review CM-related data deliverables when received by the project (at Design Reviews, etc.).
 - Provide training to Project Personnel for CM processes.
2. Perform CM audits per MWI 8040.7 or appropriate program documents, and certify CM System.
3. Provide Data Management (DM) support to the Program/Project Data Manager to define, implement, and maintain a project DM system that complies with NASA, MSFC, and project unique requirements and accommodates all external and internal DM interfaces.
 - This includes: draft the DM Plan per MWI 7120.5. Plans will be reviewed on a six-month schedule. Outstanding changes will be incorporated then.
 - Administer the Document Control Process (DCP) (for non-configuration documentation) per MPG 7120.3.
 - Provide support to project to define DM requirements for contract Statement of Work and DM Data Requirements.
 - Review DM-related data deliverables when received by the project (at Design Reviews, etc.).
 - Support Records Management planning.
 - And provide training to Project personnel for DM processes.

TASK ORDER
CDM SERVICES CONTRACT

4. Support the identification/definition of Project data requirements, overall project requirements, contractor and in-house supplied.
5. Track and receive deliverable data per the project DPD, IDR, and DRL (or equivalent).
6. Develop Project Master List per MPG 7120.3 through the PDS database.
 - Serve as Project Master List Custodian
7. Support administration of Technical/Design Reviews
 - Compile technical/design review packages
 - Compile Acceptance Data Package.
9. Create and maintain a program/project library (reference data).
 - Hardcopy or electronic.
 - Maintain library files and index.
10. Coordinate updates to program/project DPD, DR, IDR.
 - Revise, delete and add to each program/project as requested by the COTR.
11. Implement the SLI Program/Project PDS interface.
 - Provide training and instructions to all program/project personnel.
12. Provide the Program/Project with a Receipt/Release Desk.
 - Enter data into Change Processing, Tracking and Accounting System (CPTAS).
 - Develop and maintain Program Change Number (PCN) files.

SPECIAL INSTRUCTIONS:

Quality records will be maintained IAW MPG 1440.2.

**TASK ORDER
CDM SERVICES CONTRACT**

~~Cancellation of this Task Order by the Originator prior to the completion of the Period of Performance specified below requires a minimum of 30 days written notice.~~

*TV 10/12/01 Jm 10/12/01
OK 10/12/01*

The contractor shall notify the COTR when 75% of cost is incurred and/or no later than 1 week prior to depletion of funds.

SCHEDULE AND/OR MILESTONES:

CM Plan Draft	04/2002
DM Plan Draft	04/2002
CM Plan Complete	09/2002
DM Plan Complete	09/2002

CWC:	PERFORMANCE STANDARDS: J-5, WBS 1.1, 1.3, Cost Control and Customer Satisfaction
WBS: 1.3	
PERIOD OF PERFORMANCE: 10/15/01 – 8/31/02	

TASK ORDER
CDM SERVICES CONTRACT

CONTRACT #: NAS8-01121
UPN:

TASK ORDER #: SLI-00-011
DATE: 10/12/01

Program/Project/Office: Program CDM Support for 2nd Generation RLV

TASK DESCRIPTIONS:

The contractor shall perform the tasks under WBS 1.3 of this contract to provide the 2nd Generation RLV CDM support. This task order contains Risk Management Board, Receipt Desk, Airframe, Vehicle Subsystems, Program Assurance, NASA Unique Architecture, Systems Engineering and Integration, and Program Planning and Control.

PWI will perform the following tasks:

1. Provide Configuration Management (CM) support to define, implement, and maintain a project CM system that complies with NASA, MSFC MPG 8040.1, and project unique requirements and accommodates all external and internal CM interfaces.
 - This function includes: draft the CM Plan per MWI 8040.1. Plans will be reviewed on a six-month schedule. Outstanding changes will be incorporated then.
 - Act as the CCB Administrator (Secretariat) per MWI 8040.2
 - Process and account changes, deviations, and waivers to the configuration baseline per MWI 8040.2 and MWI 8040.3
 - Process and account program and contractor changes, deviations, and waivers through the project CM system as specified in the Project CM Requirements or Plan.
 - Provide support to project to define CM requirements for contract SOW's and CM Data Requirements.
 - Review CM-related data deliverables when received by the project (at Design Reviews, etc.).
 - Provide training to Project Personnel for CM processes.
2. Perform CM audits per MWI 8040.7 or appropriate program documents, and certify CM System.
3. Provide Data Management (DM) support to the Program/Project Data Manager to define, implement, and maintain a project DM system that complies with NASA, MSFC, and project unique requirements and accommodates all external and internal DM interfaces.
 - This includes: draft the DM Plan per MWI 7120.5. Plans will be reviewed on a six-month schedule. Outstanding changes will be incorporated then.
 - Administer the Document Control Process (DCP) (for non-configuration documentation) per MPG 7120.3.
 - Provide support to project to define DM requirements for contract Statement of Work and DM Data Requirements.
 - Review DM-related data deliverables when received by the project (at Design Reviews, etc.).

TASK ORDER
CDM SERVICES CONTRACT

- Support Records Management planning.
 - And provide training to Project personnel for DM processes.
4. Support the identification/definition of Project data requirements, overall project requirements, contractor and in-house supplied.
 5. Track and receive deliverable data per the project DPD, IDR, and DRL (or equivalent).
 6. Develop Project Master List per MPG 7120.3 through the PDS database.
 - Serve as Project Master List Custodian
 7. Support administration of Technical/Design Reviews
 - Compile technical/design review packages
 - Compile Acceptance Data Package
 8. Create and maintain a program/project library (reference data).
 - Hardcopy or electronic.
 - Maintain library files and index.
 9. Coordinate updates to program/project DPD, DR, IDR.
 - Revise, delete and add to each program/project as requested by the COTR.
 10. Implement the SLI Program/Project PDS interface.
 - Provide training and instructions to all program/project personnel.
 11. The receipt desk will populate the database for contractor deliverables (DR No., Initial Date of Delivery, Frequency of Delivery, Data Type, Disposition Date, etc.).
 12. Log receipt, date, disposition, track and status of Contractor/In-house deliverables after review cycle.
 13. Assign PCN numbers and maintain and control PCN files.
 14. Verify export control markings are on all documentation per MWI 7120.4.
 15. Ensure that all documentation associated with the PCN change are included in the PCN file-folder.
 16. Enter each document received into the Change Processing, Tracking and Accounting System (CPTAS), or tracking system unique to a particular project.
 17. Maintain and control records in accordance with MPG 1440.2.
 18. Ensure active records are readily retrievable and disposition inactive records

TASK ORDER
CDM SERVICES CONTRACT

19. Provide assignment of Project Codes, Configuration Control Board Codes and effectivity codes.
20. Coordinate in-house document numbers with Project Secretariats.
21. Provide the official transfer point for in-house prepared documentation to the MSFC Documentation Repository.
22. Provide the central point for the assignment of Deviation/Waiver numbers per MWI 8040.3 and MSFC-STD-555 and prepare the on-line Documentation Package Routing Slip (DPRS).
23. PSD Control for the Program/Project.

**TASK ORDER
CDM SERVICES CONTRACT**

SPECIAL INSTRUCTIONS:

Quality records will be maintained IAW MPG 1440.2.

~~Cancellation of this Task Order by the Originator prior to the completion of the Period of Performance specified below requires a minimum of 30 days written notice~~

*TV 10/12/01 Jm 10/14/01
OK 10/12/01*

The contractor shall notify the COTR when 75% of cost is incurred and/or no later than 1 week prior to depletion of funds.

SCHEDULE AND/OR MILESTONES:

CM Plan Draft	06/2002
DM Plan Draft	06/2002
CM Plan Complete	11/2002
DM Plan Complete	11/2002

CWC:	PERFORMANCE STANDARDS: J-5, WBS 1.1, 1.3, Cost Control and Customer Satisfaction
WBS: 1.3	
PERIOD OF PERFORMANCE: 9/01/01 – 8/31/02	

TASK ORDER
CDM SERVICES CONTRACT

CONTRACT #: NAS8-01121

UPN: 721-20-22

TASK ORDER #: SLI-00-011R1

DATE: 1-31-02

Program/Project/Office: Program CDM Support for 2nd Generation RLV

TASK DESCRIPTIONS:

The contractor shall perform the tasks under WBS 1.3 of this contract to provide the 2nd Generation RLV CDM support. This task order contains Risk Management Board, Receipt Desk, Airframe, Vehicle Subsystems, Program Assurance, NASA Unique Architecture, Systems Engineering and Integration, and Program Planning and Control.

PWI will perform the following tasks:

1. Provide Configuration Management (CM) support to define, implement, and maintain a project CM system that complies with NASA, MSFC MPG 8040.1, and project unique requirements and accommodates all external and internal CM interfaces.
 - This function includes: draft the CM Plan per MWI 8040.1. Plans will be reviewed on a six-month schedule. Outstanding changes will be incorporated then.
 - Act as the CCB Administrator (Secretariat) per MWI 8040.2
 - Process and account changes, deviations, and waivers to the configuration baseline per MWI 8040.2 and MWI 8040.3
 - Process and account program and contractor changes, deviations, and waivers through the project CM system as specified in the Project CM Requirements or Plan.
 - Provide support to project to define CM requirements for contract SOW's and CM Data Requirements.
 - Review CM-related data deliverables when received by the project (at Design Reviews, etc.).
 - Provide training to Project Personnel for CM processes.
2. Perform CM audits per MWI 8040.7 or appropriate program documents, and certify CM System.
3. Provide Data Management (DM) support to the Program/Project Data Manager to define, implement, and maintain a project DM system that complies with NASA, MSFC, and project unique requirements and accommodates all external and internal DM interfaces.
 - This includes: draft the DM Plan per MWI 7120.5. Plans will be reviewed on a six-month schedule. Outstanding changes will be incorporated then.
 - Administer the Document Control Process (DCP) (for non-configuration documentation) per MPG 7120.3.
 - Provide support to project to define DM requirements for contract Statement of Work and DM Data Requirements.
 - Review DM-related data deliverables when received by the project (at Design Reviews, etc.).

TASK ORDER
CDM SERVICES CONTRACT

- Support Records Management planning.
 - And provide training to Project personnel for DM processes.
4. Support the identification/definition of Project data requirements, overall project requirements, contractor and in-house supplied.
 5. Track and receive deliverable data per the project DPD, IDR, and DRL (or equivalent).
 6. Develop Project Master List per MPG 7120.3 through the PDS database.
 - Serve as Project Master List Custodian
 7. Support administration of Technical/Design Reviews
 - Compile technical/design review packages
 - Compile Acceptance Data Package
 8. Create and maintain a program/project library (reference data).
 - Hardcopy or electronic.
 - Maintain library files and index.
 9. Coordinate updates to program/project DPD, DR, IDR.
 - Revise, delete and add to each program/project as requested by the COTR.
 10. Implement the SLI Program/Project PDS interface.
 - Provide training and instructions to all program/project personnel.
 11. The receipt desk will populate the database for contractor deliverables (DR No., Initial Date of Delivery, Frequency of Delivery, Data Type, Disposition Date, etc.).
 12. Log receipt, date, disposition, track and status of Contractor/In-house deliverables after review cycle.
 13. Assign PCN numbers and maintain and control PCN files.
 14. Verify export control markings are on all documentation per MWI 7120.4.
 15. Ensure that all documentation associated with the PCN change are included in the PCN file-folder.
 16. Enter each document received into the Change Processing, Tracking and Accounting System (CPTAS), or tracking system unique to a particular project.
 17. Maintain and control records in accordance with MPG 1440.2.
 18. Ensure active records are readily retrievable and disposition inactive records

TASK ORDER
CDM SERVICES CONTRACT

19. Provide assignment of Project Codes, Configuration Control Board Codes and effectivity codes.
20. Coordinate in-house document numbers with Project Secretariats.
21. Provide the official transfer point for in-house prepared documentation to the MSFC Documentation Repository.
22. Provide the central point for the assignment of Deviation/Waiver numbers per MWI 8040.3 and MSFC-STD-555 and prepare the on-line Documentation Package Routing Slip (DPRS).
23. PSD Control for the Program/Project.

**TASK ORDER
CDM SERVICES CONTRACT**

SPECIAL INSTRUCTIONS:

Quality records will be maintained IAW MPG 1440.2.

The contractor shall notify the COTR when 75% of cost is incurred and/or no later than 1 week prior to depletion of funds.

The reasons for this revision are to add 1 Senior Engineer at (1.0) FTE, remove 2 CDM Specialist at (1.0) FTE each, and to revise milestones.

SCHEDULE AND/OR MILESTONES:

CM Plan Draft	02/2002
DM Plan Draft	02/2002
CM Plan Review Complete	03/2002 *
DM Plan Review Complete	03/2002 *
CM Plan Board Action	14 days following review completion
DM Plan Board Action	14 days following review completion

* Subject to change based upon review cycle.

Support the Risk Management Board (schedule determined by the Program Office).

CWC:	PERFORMANCE STANDARDS: J-5, WBS 1.1, 1.3, Cost Control and Customer Satisfaction
WBS: 1.3	
PERIOD OF PERFORMANCE: 9/01/01 – 8/31/02	

**TASK ORDER
CDM SERVICES CONTRACT**

CONTRACT #: NAS8-01121
UPN:

TASK ORDER #: SLI-00-012
DATE: 10/12/01

Program/Project/Office: Propulsion Office CDM Support for 2nd Generation RLV

TASK DESCRIPTIONS:

The contractor shall perform the tasks under WBS 1.3 of this contract to provide the 2nd Generation RLV CDM support.

PWI will perform the following tasks:

1. Provide Configuration Management (CM) support to define, implement, and maintain a project CM system that complies with NASA, MSFC MPG 8040.1, and project unique requirements and accommodates all external and internal CM interfaces.
 - This function includes: draft the CM Plan per MWI 8040.1. Plans will be reviewed on a six-month schedule. Outstanding changes will be incorporated then.
 - Act as the CCB Administrator (Secretariat) per MWI 8040.2
 - Process and account changes, deviations, and waivers to the configuration baseline per MWI 8040.2 and MWI 8040.3
 - Process and account program and contractor changes, deviations, and waivers through the project CM system as specified in the Project CM Requirements or Plan.
 - Provide support to project to define CM requirements for contract SOW's and CM Data Requirements.
 - Review CM-related data deliverables when received by the project (at Design Reviews, etc.).
 - Provide training to Project Personnel for CM processes.
2. Perform CM audits per MWI 8040.7 or appropriate program documents, and certify CM System.
3. Provide Data Management (DM) support to the Program/Project Data Manager to define, implement, and maintain a project DM system that complies with NASA, MSFC, and project unique requirements and accommodates all external and internal DM interfaces.
 - This includes: draft the DM Plan per MWI 7120.5. Plans will be reviewed on a six-month schedule. Outstanding changes will be incorporated then.
 - Administer the Document Control Process (DCP) (for non-configuration documentation) per MPG 7120.3.
 - Provide support to project to define DM requirements for contract Statement of Work and DM Data Requirements.
 - Review DM-related data deliverables when received by the project (at Design Reviews, etc.).
 - Support Records Management planning.
 - And provide training to Project personnel for DM processes.

TASK ORDER
CDM SERVICES CONTRACT

4. Support the identification/definition of Project data requirements, overall project requirements, contractor and in-house supplied.
5. Track and receive deliverable data per the project DPD, IDRD, and DRL (or equivalent).
6. Develop Project Master List per MPG 7120.3 through the PDS database.
 - Serve as Project Master List Custodian
7. Support administration of Technical/Design Reviews
 - Compile technical/design review packages
 - Compile Acceptance Data Package
8. Create and maintain a program/project library (reference data).
 - Hardcopy or electronic.
 - Maintain library files and index.
9. Coordinate updates to program/project DPD, DR, IDRD.
 - Revise, delete and add to each program/project as requested by the COTR.
10. Implement the SLI Program/Project PDS interface.
 - Provide training and instructions to all program/project personnel.
11. Provide the Program/Project with a Receipt/Release Desk.
 - Enter data into Change Processing, Tracking and Accounting System (CPTAS).
 - Develop and maintain Program Change Number (PCN) files.

SPECIAL INSTRUCTIONS:

All project technical review milestones are subject to project schedules.

**TASK ORDER
CDM SERVICES CONTRACT**

Quality records will be maintained IAW MPG 1440.2.

~~Cancellation of this Task Order by the Originator prior to the completion of the Period of Performance specified below requires a minimum of 30 days written notice.~~

*TV 10/12/01 2nd 9/2/01
OK 10/12/01*

The contractor shall notify the COTR when 75% of cost is incurred and/or no later than 1 week prior to depletion of funds.

SCHEDULE AND/OR MILESTONES:

CM Plan Draft	01/2002
DM Plan Draft	01/2002
Architecture/Risk Review	02/2002
Engineering Requirements Review	03/2002
CM Plan Complete	06/2002
DM Plan Complete	06/2002

CWC:	PERFORMANCE STANDARDS: J-5, WBS 1.1, 1.3, Cost Control and Customer Satisfaction
WBS: 1.3	
PERIOD OF PERFORMANCE: 9/01/01 – 8/31/02	

TASK ORDER
CDM SERVICES CONTRACT

CONTRACT #: NAS8-01121

UPN: 721-20-22

TASK ORDER #: SLI-00-012 R1

DATE: 1-31-02

Program/Project/Office: Propulsion Office CDM Support for 2nd Generation RLV

TASK DESCRIPTIONS:

The contractor shall perform the tasks under WBS 1.3 of this contract to provide the 2nd Generation RLV CDM support.

PWI will perform the following tasks:

1. Provide Configuration Management (CM) support to define, implement, and maintain a project CM system that complies with NASA, MSFC MPG 8040.1, and project unique requirements and accommodates all external and internal CM interfaces.
 - This function includes: draft the CM Plan per MWI 8040.1. Plans will be reviewed on a six-month schedule. Outstanding changes will be incorporated then.
 - Act as the CCB Administrator (Secretariat) per MWI 8040.2
 - Process and account changes, deviations, and waivers to the configuration baseline per MWI 8040.2 and MWI 8040.3
 - Process and account program and contractor changes, deviations, and waivers through the project CM system as specified in the Project CM Requirements or Plan.
 - Provide support to project to define CM requirements for contract SOW's and CM Data Requirements.
 - Review CM-related data deliverables when received by the project (at Design Reviews, etc.).
 - Provide training to Project Personnel for CM processes.
2. Perform CM audits per MWI 8040.7 or appropriate program documents, and certify CM System.
3. Provide Data Management (DM) support to the Program/Project Data Manager to define, implement, and maintain a project DM system that complies with NASA, MSFC, and project unique requirements and accommodates all external and internal DM interfaces.
 - This includes: draft the DM Plan per MWI 7120.5. Plans will be reviewed on a six-month schedule. Outstanding changes will be incorporated then.
 - Administer the Document Control Process (DCP) (for non-configuration documentation) per MPG 7120.3.
 - Provide support to project to define DM requirements for contract Statement of Work and DM Data Requirements.
 - Review DM-related data deliverables when received by the project (at Design Reviews, etc.).
 - Support Records Management planning.
 - And provide training to Project personnel for DM processes.

TASK ORDER
CDM SERVICES CONTRACT

4. Support the identification/definition of Project data requirements, overall project requirements, contractor and in-house supplied.
5. Track and receive deliverable data per the project DPD, IDR, and DRL (or equivalent).
6. Develop Project Master List per MPG 7120.3 through the PDS database.
 - Serve as Project Master List Custodian
7. Support administration of Technical/Design Reviews
 - Compile technical/design review packages
 - Compile Acceptance Data Package
8. Develop and maintain an integrated program/project action item tracking database.
 - Provide status and accounting reports of program/project actions.
9. Create and maintain a program/project library (reference data).
 - Hardcopy or electronic.
 - Maintain library files and index.
10. Coordinate updates to program/project DPD, DR, IDR.
 - Revise, delete and add to each program/project as requested by the COTR.
11. Implement the SLI Program/Project PDS interface.
 - Provide training and instructions to all program/project personnel.
12. Provide the Program/Project with a Receipt/Release Desk.
 - Enter data into Change Processing, Tracking and Accounting System (CPTAS).
 - Develop and maintain Program Change Number (PCN) files.

**TASK ORDER
CDM SERVICES CONTRACT**

SPECIAL INSTRUCTIONS:

All project technical review milestones are subject to project schedules.

Quality records will be maintained IAW MPG 1440.2.

The reasons for this revision are to correct a staffing error in the original Task Order (the Senior Engineer was changed from .1 to 1.0 FTE) and to revise the milestones.

The contractor shall notify the COTR when 75% of cost is incurred and/or no later than 1 week prior to depletion of funds.

SCHEDULE AND/OR MILESTONES:

CM Plan Draft	01/2002
DM Plan Draft	01/2002
Architecture/Risk Review	02/2002
Engineering Requirements Review	03/2002
CM Plan Review Complete	02/2002 *
DM Plan Review Complete	02/2002 *
CM Plan Board Action	14 days following completion of review
DM Plan Board Action	14 days following completion of review

Provide Bi-weekly CM Status and Accounting Reports.

* Subject to change based upon review cycle.

CWC:	PERFORMANCE STANDARDS: J-5, WBS 1.1, 1.3, Cost Control and Customer Satisfaction
WBS: 1.3	
PERIOD OF PERFORMANCE: 9/01/01 – 8/31/02	

TASK ORDER
CDM SERVICES CONTRACT

CONTRACT #: NAS8-01121
UPN: 721-20-22

TASK ORDER #: SLI-00-012 R2
DATE: ► JUN 10 2002

Program/Project/Office: Propulsion Office CDM Support for 2nd Generation RLV

TASK DESCRIPTIONS:

Support to Propulsion Office:

This revision is to support the Propulsion Office reorganization of April, 2002 for support of Alpha Main Engine Project (RS83, RS84, RP2 and IPD), Beta Main Engine Project (COBRA), On-orbit Propulsion Project and Propulsion Systems Project only. The following projects of the reorganization that are not covered by this TO are RLX/RP3, Crew Escape Propulsion and Booster Jet Propulsion.

The following task are common to all Propulsion Projects:

1. Provide Configuration Management (CM) support to define, implement, and maintain a project CM system that complies with NASA MSFC MPG 8040.1, project unique requirements, and accommodates all external and internal CM interfaces.

This function includes the following task:

- Draft the Configuration and Data Management (CDM) Plan per MWI 8040.1 and MWI 7120.5. Plans will be reviewed on a six-month schedule. Outstanding changes will be incorporated then. The following projects will have their CDM plans included as part of the Project Plans: Upper Stages, Propulsion Special Studies, Propulsion Office, and the Propulsion Systems Project. In the event that any of these projects decide to have a separate CM or DM plan it is understood that these plans will be within the scope of this Task Order.
- Act as the CCB Administrator (Secretariat) per MWI 8040.2
- Process and account for program and contractor changes, deviations, and waivers through the project CM system as specified in the Marshall Management System (MMS) and project specific requirements.
- Provide support to define Project CM requirements for contract SOW's and CM Data Requirements.
- Review CM-related data deliverables when received by the project (at Design Reviews, etc.).
- Provide training to Project Personnel for CM processes.

TASK ORDER
CDM SERVICES CONTRACT

2. Perform CM audits and reviews per MWI 8040.7 or appropriate program documents, and certify CM System.
3. Provide Data Management (DM) support to the Program/Project Data Manager to define, implement, and maintain a project DM system that complies with NASA, MSFC, and project unique requirements and accommodates all external and internal DM interfaces.
 - Administer the Document Control Process (DCP) (for non-configuration documentation) per MPG 7120.3 and project specific DM requirements.
 - Review DM-related data deliverables when received by the project (at Design Reviews, etc.).
 - Support Records Management planning.
 - And provide training to Project personnel for DM processes.
4. Support the identification/definition of Project data requirements, overall project requirements, contractor and in-house supplied.
5. Track and receive deliverable data per the project DPD, IDR, and DRL (or equivalent).
6. Develop Project Master List per MPG 7120.3 through the PDS database.
 - Serve as Project Master List Custodian
7. Support administration of Technical/Design Reviews
 - Compile technical/design review packages as required by the projects.
 - Compile Acceptance Data Package as required by the projects.
 - Status and Track RID and Review action items related to Programs/Projects as required.
8. Develop and maintain an integrated program/project action item tracking database.
 - Provide status and accounting reports of program/project actions.
9. Create and maintain a program/project library (reference data).
 - Hardcopy or electronic.
 - Maintain library files and index.
10. Coordinate updates to program/project DPD, DR, IDR.
 - Revise, delete and add to each program/project as requested by the COTR.

TASK ORDER
CDM SERVICES CONTRACT

11. Implement the SLI Program/Project PDS interface.

- Provide training and instructions to all program/project personnel.
- Tracking and Accounting for non-configuration Items.

12. Provide the Program/Project with a Receipt/Release Desk.

- Enter data into Change Processing, Tracking and Accounting System (CPTAS).
- Non-configuration items will be tracked and accounted using PDS.
- Develop and maintain Program Change Number (PCN) files.
- Develop and maintain a historical reference library.

The following tasks are unique to the Propulsion Systems Project:

1. Administer the Propulsion Systems Integration Group (PSIG).
2. Provide minutes and track action using PDS for the PSIG.

SPECIAL INSTRUCTIONS:

All project technical review milestones are subject to project schedules.

Quality records will be maintained IAW MPG 1440.2.

The reason for Revision #2: To Combine Task Orders , SLI-00-001, 002, 007, 008, 009, and 012 R1. To add Senior Engineer at 1.0 FTE for the Propulsion Systems Project task, and to add a Senior CDM Specialist at 1.0 FTE for the RS-84 task.

SCHEDULE AND/OR MILESTONES:

Propulsion Office

CRG Charter Letter 5/2002

Propulsion Systems

Provide Bi-weekly CM Status and Accounting Reports.
Generate charter letter for PSIG 5/2002

**TASK ORDER
CDM SERVICES CONTRACT**

Beta

COBRA:

Preburner Proto Dev CDR	07/2002
Powerduct CDR	07/2002
EHMS Defn & Risk Rdn Sensor PDR	07/2002
CDM Plan (Draft submitted, completion date dependent on Project approval)	07/2002
Powerhead CDR	08/2002
Boost Pumps IDR	09/2002*
PV & A SDR	09/2002*
Injector and Chamber PDR	09/2002*
EHMS System SDR	09/2002*
Nozzle PDR	09/2002*
Engine System IDR	09/2002*

* These milestones are for reference only because they are outside the period of performance for this Task Order. Tasks performed under this Task Order will lead to the accomplishment of these milestones.

Alpha

Charter Letter	07/2002
CDM Plan Draft	07/2002
CDM Plan (Draft submitted, completion date dependent on Project approval)	08/2002

The Alpha Engine Project Charter Letter and CDM Plan will contain appendices for each of the sub-projects (RS-83, RS-84 and TR-107).

RS-83:

PDR	09/2002*
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On-Orbit

Dual Thrust Engine PDR	05/2002
MPS CDR	06/2002
Charter Letter	07/2002
CDM Plan Draft	07/2002
CDM Plan (Draft submitted, completion date dependent on Project approval)	08/2002

CWC: N/A

PERFORMANCE STANDARDS: J-5, WBS 1.1, 1.3, Cost & Customer Satisfaction

WBS: 1.1, 1.3

Period of Performance: 9/01/01 – 8/31/02

TASK ORDER
CDM SERVICES CONTRACT

CONTRACT #: NAS8-01121

UPN: 721-28-1A

TASK ORDER #: SLI-00-013

DATE: 11-2-01

Program/Project/Office: X-37 CDM Support for 2nd Generation RLV

TASK DESCRIPTIONS:

The contractor shall perform the tasks under WBS 1.3 of this contract to provide the 2nd Generation RLV CDM support.

PWI will perform the following tasks:

1. Provide Configuration Management (CM) support to define, implement, and maintain a project CM system that complies with NASA, MSFC MPG 8040.1, and project unique requirements and accommodates all external and internal CM interfaces.
 - a. This function includes: draft the CM Plan per MWI 8040.1. Plans will be reviewed on a six-month schedule. Outstanding changes will be incorporated then.
 - b. Act as the CCB Administrator (Secretariat) per MWI 8040.2
 - c. Process and account changes, deviations, and waivers to the configuration baseline per MWI 8040.2 and MWI 8040.3
 - d. Process and account program and contractor changes, deviations, and waivers through the project CM system as specified in the Project CM Requirements or Plan.
 - e. Provide support to project to define CM requirements for contract SOW's and CM Data Requirements.
 - f. Review CM-related data deliverables when received by the project (at Design Reviews, etc.).
 - g. Provide training to Project Personnel for CM processes.
2. Support the Project FCA/PCA, Acceptance Reviews and Pre-ship Reviews.
3. Perform CM audits per MWI 8040.7 or appropriate program documents, and certify CM System.
4. Provide Data Management (DM) support to the Program/Project Data Manager to define, implement, and maintain a project DM system that complies with NASA, MSFC, and project unique requirements and accommodates all external and internal DM interfaces. This includes:
 - a. Draft the DM Plan per MWI 7120.5. Plans will be reviewed on a six-month schedule. Outstanding changes will be incorporated then.
 - b. Administer the Document Control Process (DCP) (for non-configuration documentation) per MPG 7120.3.
 - c. Review DM-related data deliverables when received by the project (at Design Reviews, etc.).
 - d. Support Records Management planning.

TASK ORDER
CDM SERVICES CONTRACT

- e. And provide training to Project personnel for DM processes.
- 5. Support the identification/definition of overall project data requirements for both contractor and in-house supplied data.
- 6. Track and receive deliverable data per the project DPD, IDR, and DRL (or equivalent).
- 7. Develop Project Master List per MPG 7120.3 through the PDS database and serve as Project Master List Custodian
- 8. Support administration of Technical/Design Reviews
 - a. Compile technical/design review packages
 - b. Compile Acceptance Data Package
- 9. Implement the SLI Program/Project PDS interface and provide training and instructions to all program/project personnel.

10/31/01

PWI Sensitive Material

SLI -00-013.doc

**TASK ORDER
CDM SERVICES CONTRACT**

SPECIAL INSTRUCTIONS:

All project technical review milestones are subject to project schedules.

Quality records will be maintained IAW MPG 1440.2.

The contractor shall notify the COTR when 75% of cost is incurred and/or no later than 1 week prior to depletion of funds.

SCHEDULE AND/OR MILESTONES:

Draft CDM Plan, January 2002

Baseline CDM Plan, February 2002

Review CDM Plan, August 2002

CWC:	PERFORMANCE STANDARDS: J-5, WBS 1.1, 1.3, Cost Control and Customer Satisfaction
WBS: 1.3	
PERIOD OF PERFORMANCE: 11/01/01 – 8/31/02	

10/31/01

PWI Sensitive Material

SLI -00-013.doc

**TASK ORDER
CDM SERVICES CONTRACT**

CONTRACT #: NAS8-01121

TASK ORDER #: TD10-00-001

UPN: 487-24-03

DATE: 10/12/01

Program/Project/Office: CDM Support for X-38

TASK DESCRIPTIONS:

The contractor shall perform the tasks under WBS 1.3 of this contract to provide the X-38 project CDM support.

- 1) Provide CM support to define, implement & maintain a project CM system that complies with MSFC MPG 8040.1
 - a) Draft CM Plan per MWI 8040.1
 - b) Act as CCB administrator (Secretariat) per MWI 8040.2
 - c) Process and account changes, deviations, & waivers to the configuration baseline per MWI 8040.2 & 8040.3
 - d) Process and account program & contractor changes, deviations & waivers through the CM system
 - e) Provide support to the Project to define CM requirements for contract SOWs & CM data requirements
 - f) Review CM-related data deliverables
 - g) Provide training to Project personnel for CM processes.
- 2) Support FCA/PCA CM functions at FCA/PCAs, acceptance reviews or Preship reviews
- 3) Perform CM audits per MWI 8040.7
- 4) Provide DM support to the Program Mgr to define, implement & maintain a project DM system that complies with NASA, MSFC and project unique requirements
 - a) Draft DM plan per MWI 7120.5
 - b) Administer the Document Control Process (DCP) for non-configuration documentation per MPG 7120.3
 - c) Provide support to Project to define DM requirements for contract SOWs and DM Data Requirements
 - d) Review DM related deliverables
 - e) Support Records Management planning
 - f) Provide training to Project personnel for DM processes
- 5) Support the identification/definition of Project data requirements, overall project requirements, contractor and in-house supplied.
- 6) Track and receive deliverable data per the project DPD, IDRD & DRL or equivalent
- 7) Develop Project Master List per MPG 7120.3 and serve as Project Master List Custodian
- 8) Support Administration of Technical/Design reviews
- 9) Compile technical/design review packages
- 10) Compile Acceptance Data Package

**TASK ORDER
CDM SERVICES CONTRACT**

SPECIAL INSTRUCTIONS:

~~Cancellation of this Task Order by the Originator prior to the completion of the Period of Performance specified below requires a minimum of 90 days written notice.~~

*TV 10/12/01
OK 10/12/01
JM 10/12/01*

The contractor shall notify the COTR when 75% of cost is incurred and/or no later than 1 week prior to depletion of funds.

SCHEDULE AND/OR MILESTONES:

- Provide Project Secretariat support for X-38 DPS Level III CCB (09-01 through 08-02)
- Revise the X-38 CM Plan per MWI 8040.1
- Support Acceptance Review at Aerojet
- Support Monthly Status Meetings (09-01 through 08-02)
- Provide or attend CM/DM training (as required)

CWC:	PERFORMANCE STANDARDS: J-5, WBS 1.1, 1.3, Cost Control and Customer Satisfaction
WBS: 1.3	
Period of Performance: 9/1/01 - 8/31/02	

**TASK ORDER
CDM SERVICES CONTRACT**

CONTRACT #: NAS8-01121

TASK ORDER #: TD10-00-002

UPN: 708-72-60/713-10-62/1721-20-01

DATE: 10/12/01

Program/Project/Office: CDM Support for ASTP and applicable projects

TASK DESCRIPTIONS:

The contractor shall perform the tasks under WBS 1.3 of this contract to provide the ASTP and applicable Projects C&DM support.

ASTP (Program Level)

- 1) Provide CM support to define, implement & maintain a project CM system that complies with MSFC MPG 8040.1
 - a) Draft CM Plan per MWI 8040.1
 - b) Act as CCB administrator (Secretariat) per MWI 8040.2
 - c) Process and account changes, deviations, & waivers to the configuration baseline per MWI 8040.2 & 8040.3
 - d) Process and account program & contractor changes, deviations & waivers through the CM system
 - e) Provide support to the Project to define CM requirements for contract SOWs & CM data requirements
 - f) Review CM-related data deliverables
 - g) Provide training to Project personnel for CM processes
- 2) Perform CM audits per MWI 8040.7
- 3) Provide DM support to the Program Mgr to define, implement & maintain a project DM system that complies with NASA, MSFC and project unique requirements
 - a) Draft DM plan per MWI 7120.5
 - b) Administer the Document Control Process (DCP) for non-configuration documentation per MPG 7120.3
 - c) Provide support to Project to define DM requirements for contract SOWs and DM Data Requirements
 - d) Review DM related deliverables
 - e) Support Records Management planning
 - f) Provide training to Project personnel for DM processes
- 4) Support the identification/definition of Project data requirements, overall project requirements, contractor and in-house supplied.
- 5) Track and receive deliverable data per the project DPD, IDR D & DRL or equivalent

ISTAR RBCC Project

- 1) Provide CM support to define, implement & maintain a project CM system that complies with MSFC MPG 8040.1

**TASK ORDER
CDM SERVICES CONTRACT**

- a) Draft CM Plan per MWI 8040.1
 - b) Act as CCB administrator (Secretariat) per MWI 8040.2
 - c) Process and account changes, deviations, & waivers to the configuration baseline per MWI 8040.2 & 8040.3
 - d) Process and account program & contractor changes, deviations & waivers through the CM system
 - e) Provide support to the Project to define CM requirements for contract SOWs & CM data requirements
 - f) Review CM-related data deliverables
 - g) Provide training to Project personnel for CM processes
- 2) Perform CM audits per MWI 8040.7
- 3) Provide DM support to the Program Mgr to define, implement & maintain a project DM system that complies with NASA, MSFC and project unique requirements
- a) Draft DM plan per MWI 7120.5
 - b) Administer the Document Control Process (DCP) for non-configuration documentation per MPG 7120.3
 - c) Provide support to Project to define DM requirements for contract SOWs and DM Data Requirements
 - d) Review DM related deliverables
 - e) Support Records Management planning
 - f) Provide training to Project personnel for DM processes
- g) Support the identification/definition of Project data requirements, overall project requirements, contractor and in-house supplied.
- h) Track and receive deliverable data per the project DPD, IDRD & DRL or equivalent
- i) Develop Project Master List per MPG 7120.3 and serve as Project Master List Custodian
- j) Support administration of Technical/Design Reviews

RTA TBCC Project

- 1) Provide CM support to define, implement & maintain a project CM system that complies with MSFC MPG 8040.1

(No CM plan is required at MSFC since the Project is managed out of GRC)

- a) Act as CCB administrator (Secretariat) per MWI 8040.2
- b) Process and account changes, deviations, & waivers to the configuration baseline per MWI 8040.2 & 8040.3
- c) Process and account program & contractor changes, deviations & waivers through the CM system
- d) Provide support to the Project to define CM requirements for contract SOWs & CM data requirements
- e) Review CM-related data deliverables
- f) Provide training to Project personnel for CM processes

**TASK ORDER
CDM SERVICES CONTRACT**

- 2) Perform CM audits per MWI 8040.7
- 3) Provide DM support to the Program Mgr to define, implement & maintain a project DM system that complies with NASA, MSFC and project unique requirements
 - a) Draft DM plan per MWI 7120.5
 - b) Administer the Document Control Process (DCP) for non-configuration documentation per MPG 7120.3
 - c) Provide support to Project to define DM requirements for contract SOWs and DM Data Requirements
 - d) Review DM related deliverables
 - e) Support Records Management planning
 - f) Provide training to Project personnel for DM processes
- 4) Support the identification/definition of Project data requirements, overall project requirements, contractor and in-house supplied.
- 5) Track and receive deliverable data per the project DPD, IDRD & DRL or equivalent

X-43C Project

- 1) Provide CM support to define, implement & maintain a project CM system that complies with MSFC MPG 8040.1

(No CM plan is required at MSFC since the Project is managed out of LaRC)

- a) Act as CCB administrator (Secretariat) per MWI 8040.2
 - b) Process and account changes, deviations, & waivers to the configuration baseline per MWI 8040.2 & 8040.3
 - c) Process and account program & contractor changes, deviations & waivers through the CM system
 - d) Provide support to the Project to define CM requirements for contract SOWs & CM data requirements
 - e) Review CM-related data deliverables
 - f) Provide training to Project personnel for CM processes
- 2) Perform CM audits per MWI 8040.7
 - 3) Provide DM support to the Program Mgr to define, implement & maintain a project DM system that complies with NASA, MSFC and project unique requirements
 - a) Draft DM plan per MWI 7120.5
 - b) Administer the Document Control Process (DCP) for non-configuration documentation per MPG 7120.3
 - c) Provide support to Project to define DM requirements for contract SOWs and DM Data Requirements
 - d) Review DM related deliverables
 - e) Support Records Management planning
 - f) Provide training to Project personnel for DM processes

**TASK ORDER
CDM SERVICES CONTRACT**

- 4) Support the identification/definition of Project data requirements, overall project requirements, contractor and in-house supplied.
- 5) Track and receive deliverable data per the project DPD, IDRDR & DRL or equivalent

Next Generation Ion Engine Project

- 1) Provide CM support to define, implement & maintain a project CM system that complies with MSFC MPG 8040.1
 - a) Draft CM Plan per MWI 8040.1
 - b) Act as CCB administrator (Secretariat) per MWI 8040.2
 - c) Process and account changes, deviations, & waivers to the configuration baseline per MWI 8040.2 & 8040.3
 - d) Process and account program & contractor changes, deviations & waivers through the CM system
 - e) Provide support to the Project to define CM requirements for contract SOWs & CM data requirements
 - f) Review CM-related data deliverables
 - g) Provide training to Project personnel for CM processes
- 2) Perform CM audits per MWI 8040.7
- 3) Provide DM support to the Program Mgr to define, implement & maintain a project DM system that complies with NASA, MSFC and project unique requirements
 - a) Draft DM plan per MWI 7120.5
 - b) Administer the Document Control Process (DCP) for non-configuration documentation per MPG 7120.3
 - c) Provide support to Project to define DM requirements for contract SOWs and DM Data Requirements
 - d) Review DM related deliverables
 - e) Support Records Management planning
 - f) Provide training to Project personnel for DM processes
- 4) Support the identification/definition of Project data requirements, overall project requirements, contractor and in-house supplied.
- 5) Track and receive deliverable data per the project DPD, IDRDR & DRL or equivalent
- 6) Develop Project Master List per MPG 7120.3 and serve as Project Master List Custodian
- 7) Support administration of Technical/Design Reviews

**TASK ORDER
CDM SERVICES CONTRACT**

SPECIAL INSTRUCTIONS:

All Project technical reviews contained in the milestones are subject to Project schedules.

~~Cancellation of this Task Order by the Originator prior to the completion of the Period of Performance specified below requires a minimum of 30 days written notice.~~

The contractor shall notify the COTR when 75% of cost is incurred and/or no later than 1 week prior to depletion of funds.

*TV 10/12/01
at 10/12/01
Jan 10/12/01*

SCHEDULE AND/OR MILESTONES:

- Continue to serve as Preliminary Requirements Review (PRR) Review Item Discrepancy (RID) database (09/01) (10/01)
- Support PRR RID Screening Group and Board (09/01) (10/01)
- Finalize Configuration Management (CM) Plan for ISTAR (10/01)
- Prepare Draft Configuration Management (CM) Plan for ASTP (09/01)
- Prepare Draft Data Management (DM) Plan for ASTP (09/01)
- Finalize Data Management (DM) Plan (10/01)
- Serve as Secretariat for Document Control Board meetings (monthly or as required)
- Serve as Secretariat for Configuration Control Board meetings (monthly or as required)
- Provide or attend CM/DM training (as required)

CWC:	PERFORMANCE STANDARDS: J-5, WBS 1.1, 1.3, Cost Control and Customer Satisfaction
WBS: 1.3	
Period of Performance: 9/1/01 - 8/31/02	

TASK ORDER
CDM SERVICES CONTRACT

CONTRACT #: NAS8-01121
UPN: 713-10-90

TASK ORDER #: TD10-00-002 R1
DATE: JUN 10 2002

Program/Project/Office: CDM Support for ASTP and applicable projects

TASK DESCRIPTIONS:

The contractor shall perform the tasks under WBS 1.3 of this contract to provide the ASTP and applicable Projects C&DM support.

ASTP (Program Level)

- 1) Provide CM support to define, implement & maintain a project CM system that complies with MSFC MPG 8040.1
 - a) Draft CM Plan per MWI 8040.1
 - b) Act as CCB administrator (Secretariat) per MWI 8040.2
 - c) Process and account changes, deviations, & waivers to the configuration baseline per MWI 8040.2 & 8040.3
 - d) Process and account program & contractor changes, deviations & waivers through the CM system
 - e) Provide support to the Project to define CM requirements for contract SOWs & CM data requirements
 - f) Review CM-related data deliverables
 - g) Provide training to Project personnel for CM processes
- 2) Perform CM audits per MWI 8040.7
- 3) Provide DM support to the Program Mgr to define, implement & maintain a project DM system that complies with NASA, MSFC and project unique requirements
 - a) Draft DM plan per MWI 7120.5
 - b) Administer the Document Control Process (DCP) for non-configuration documentation per MPG 7120.3
 - c) Provide support to Project to define DM requirements for contract SOWs and DM Data Requirements
 - d) Review DM related deliverables
 - e) Support Records Management planning
 - f) Provide training to Project personnel for DM processes
- 4) Support the identification/definition of Project data requirements, overall project requirements, contractor and in-house supplied.
- 5) Track and receive deliverable data per the project DPD, IDRD & DRL or equivalent

ISTAR RBCC Project

- 1) Provide CM support to define, implement & maintain a project CM system that complies with MSFC MPG 8040.1
 - a) Draft CM Plan per MWI 8040.1

TASK ORDER
CDM SERVICES CONTRACT

- b) Act as CCB administrator (Secretariat) per MWI 8040.2
 - c) Process and account changes, deviations, & waivers to the configuration baseline per MWI 8040.2 & 8040.3
 - d) Process and account program & contractor changes, deviations & waivers through the CM system
 - e) Provide support to the Project to define CM requirements for contract SOWs & CM data requirements
 - f) Review CM-related data deliverables
 - g) Provide training to Project personnel for CM processes
- 2) Perform CM audits per MWI 8040.7
- 3) Provide DM support to the Program Mgr to define, implement & maintain a project DM system that complies with NASA, MSFC and project unique requirements
- a) Draft DM plan per MWI 7120.5
 - b) Administer the Document Control Process (DCP) for non-configuration documentation per MPG 7120.3
 - c) Provide support to Project to define DM requirements for contract SOWs and DM Data Requirements
 - d) Review DM related deliverables
 - e) Support Records Management planning
 - f) Provide training to Project personnel for DM processes
- g) Support the identification/definition of Project data requirements, overall project requirements, contractor and in-house supplied.
- h) Track and receive deliverable data per the project DPD, IDRD & DRL or equivalent
- i) Develop Project Master List per MPG 7120.3 and serve as Project Master List Custodian
- j) Support administration of Technical/Design Reviews

RTA TBCC Project

- 1) Provide CM support to define, implement & maintain a project CM system that complies with MSFC MPG 8040.1
- (No CM plan is required at MSFC since the Project is managed out of GRC)*
- a) Act as CCB administrator (Secretariat) per MWI 8040.2
 - b) Process and account changes, deviations, & waivers to the configuration baseline per MWI 8040.2 & 8040.3
 - c) Process and account program & contractor changes, deviations & waivers through the CM system
 - d) Provide support to the Project to define CM requirements for contract SOWs & CM data requirements
 - e) Review CM-related data deliverables
 - f) Provide training to Project personnel for CM processes
- 2) Perform CM audits per MWI 8040.7

TASK ORDER
CDM SERVICES CONTRACT

- 3) Provide DM support to the Program Mgr to define, implement & maintain a project DM system that complies with NASA, MSFC and project unique requirements
 - a) Draft DM plan per MWI 7120.5
 - b) Administer the Document Control Process (DCP) for non-configuration documentation per MPG 7120.3
 - c) Provide support to Project to define DM requirements for contract SOWs and DM Data Requirements
 - d) Review DM related deliverables
 - e) Support Records Management planning
 - f) Provide training to Project personnel for DM processes
- 4) Support the identification/definition of Project data requirements, overall project requirements, contractor and in-house supplied.
- 5) Track and receive deliverable data per the project DPD, IDRD & DRL or equivalent

X-43C Project

- 1) Provide CM support to define, implement & maintain a project CM system that complies with MSFC MPG 8040.1
(No CM plan is required at MSFC since the Project is managed out of LaRC)
 - a) Act as CCB administrator (Secretariat) per MWI 8040.2
 - b) Process and account changes, deviations, & waivers to the configuration baseline per MWI 8040.2 & 8040.3
 - c) Process and account program & contractor changes, deviations & waivers through the CM system
 - d) Provide support to the Project to define CM requirements for contract SOWs & CM data requirements
 - e) Review CM-related data deliverables
 - f) Provide training to Project personnel for CM processes
- 2) Perform CM audits per MWI 8040.7
- 3) Provide DM support to the Program Mgr to define, implement & maintain a project DM system that complies with NASA, MSFC and project unique requirements
 - a) Draft DM plan per MWI 7120.5
 - b) Administer the Document Control Process (DCP) for non-configuration documentation per MPG 7120.3
 - c) Provide support to Project to define DM requirements for contract SOWs and DM Data Requirements
 - d) Review DM related deliverables
 - e) Support Records Management planning
 - f) Provide training to Project personnel for DM processes
- 4) Support the identification/definition of Project data requirements, overall project requirements, contractor and in-house supplied.

TASK ORDER
CDM SERVICES CONTRACT

5) Track and receive deliverable data per the project DPD, IDRDR & DRL or equivalent

Next Generation Ion Engine Project

- 1) Provide CM support to define, implement & maintain a project CM system that complies with MSFC MPG 8040.1
 - a) Draft CM Plan per MWI 8040.1
 - b) Act as CCB administrator (Secretariat) per MWI 8040.2
 - c) Process and account changes, deviations, & waivers to the configuration baseline per MWI 8040.2 & 8040.3
 - d) Process and account program & contractor changes, deviations & waivers through the CM system
 - e) Provide support to the Project to define CM requirements for contract SOWs & CM data requirements
 - f) Review CM-related data deliverables
 - g) Provide training to Project personnel for CM processes
- 2) Perform CM audits per MWI 8040.7
- 3) Provide DM support to the Program Mgr to define, implement & maintain a project DM system that complies with NASA, MSFC and project unique requirements
 - a) Draft DM plan per MWI 7120.5
 - b) Administer the Document Control Process (DCP) for non-configuration documentation per MPG 7120.3
 - c) Provide support to Project to define DM requirements for contract SOWs and DM Data Requirements
 - d) Review DM related deliverables
 - e) Support Records Management planning
 - f) Provide training to Project personnel for DM processes
- 4) Support the identification/definition of Project data requirements, overall project requirements, contractor and in-house supplied.
- 5) Track and receive deliverable data per the project DPD, IDRDR & DRL or equivalent
- 6) Develop Project Master List per MPG 7120.3 and serve as Project Master List Custodian
- 7) Support administration of Technical/Design Reviews

TASK ORDER
CDM SERVICES CONTRACT

SPECIAL INSTRUCTIONS:

All Project technical reviews contained in the milestones are subject to Project schedules.

The contractor shall notify the COTR when 75% of cost is incurred and/or no later than 1 week prior to depletion of funds.

The reason for revision #1 of this Task Order is to add travel for two (2) people to support the ISTAR SRR in Canoga Park, California. The review will be held June 25 - 27, 2002.

SCHEDULE AND/OR MILESTONES:

Continue to serve as Preliminary Requirements Review (PRR) Review Item Discrepancy (RID) database (09/01) (10/01)
 Support PRR RID Screening Group and Board (09/01) (10/01)
 Finalize Configuration Management (CM) Plan for ISTAR (10/01)
 Prepare Draft Configuration Management Plan (CM) Plan for ASTP (09/01)
 Prepare Draft Data Management (DM) Plan for ASTP (09/01)
 Finalize Data Management (DM) Plan (10/01)
 Serve as Secretariat for Document Control Board meetings (monthly or as required)
 Serve as Secretariat for Configuration Control Board meetings (monthly or as required)
 Provide or attend CM/DM training (as required)

CWC:	PERFORMANCE STANDARDS: J-5, WBS 1.1, 1.3, Cost Control and Customer Satisfaction
WBS: 1.3	
Period of Performance: 9/1/01 - 8/31/02	

**TASK ORDER
CDM SERVICES CONTRACT**

CONTRACT #: NAS8-01121

TASK ORDER #: TD10-00-002

UPN: 708-72-60/713-10-62/1721-20-01

DATE: 10/12/01

Program/Project/Office: CDM Support for ASTP and applicable projects

TASK DESCRIPTIONS:

The contractor shall perform the tasks under WBS 1.3 of this contract to provide the ASTP and applicable Projects C&DM support.

ASTP (Program Level)

- 1) Provide CM support to define, implement & maintain a project CM system that complies with MSFC MPG 8040.1
 - a) Draft CM Plan per MWI 8040.1
 - b) Act as CCB administrator (Secretariat) per MWI 8040.2
 - c) Process and account changes, deviations, & waivers to the configuration baseline per MWI 8040.2 & 8040.3
 - d) Process and account program & contractor changes, deviations & waivers through the CM system
 - e) Provide support to the Project to define CM requirements for contract SOWs & CM data requirements
 - f) Review CM-related data deliverables
 - g) Provide training to Project personnel for CM processes
- 2) Perform CM audits per MWI 8040.7
- 3) Provide DM support to the Program Mgr to define, implement & maintain a project DM system that complies with NASA, MSFC and project unique requirements
 - a) Draft DM plan per MWI 7120.5
 - b) Administer the Document Control Process (DCP) for non-configuration documentation per MPG 7120.3
 - c) Provide support to Project to define DM requirements for contract SOWs and DM Data Requirements
 - d) Review DM related deliverables
 - e) Support Records Management planning
 - f) Provide training to Project personnel for DM processes
- 4) Support the identification/definition of Project data requirements, overall project requirements, contractor and in-house supplied.
- 5) Track and receive deliverable data per the project DPD, IDRD & DRL or equivalent

ISTAR RBCC Project

- 1) Provide CM support to define, implement & maintain a project CM system that complies with MSFC MPG 8040.1

**TASK ORDER
CDM SERVICES CONTRACT**

- a) Draft CM Plan per MWI 8040.1
 - b) Act as CCB administrator (Secretariat) per MWI 8040.2
 - c) Process and account changes, deviations, & waivers to the configuration baseline per MWI 8040.2 & 8040.3
 - d) Process and account program & contractor changes, deviations & waivers through the CM system
 - e) Provide support to the Project to define CM requirements for contract SOWs & CM data requirements
 - f) Review CM-related data deliverables
 - g) Provide training to Project personnel for CM processes
- 2) Perform CM audits per MWI 8040.7
- 3) Provide DM support to the Program Mgr to define, implement & maintain a project DM system that complies with NASA, MSFC and project unique requirements
- a) Draft DM plan per MWI 7120.5
 - b) Administer the Document Control Process (DCP) for non-configuration documentation per MPG 7120.3
 - c) Provide support to Project to define DM requirements for contract SOWs and DM Data Requirements
 - d) Review DM related deliverables
 - e) Support Records Management planning
 - f) Provide training to Project personnel for DM processes
- g) Support the identification/definition of Project data requirements, overall project requirements, contractor and in-house supplied.
- h) Track and receive deliverable data per the project DPD, IDRD & DRL or equivalent
- i) Develop Project Master List per MPG 7120.3 and serve as Project Master List Custodian
- j) Support administration of Technical/Design Reviews

RTA TBCC Project

- 1) Provide CM support to define, implement & maintain a project CM system that complies with MSFC MPG 8040.1

(No CM plan is required at MSFC since the Project is managed out of GRC)

- a) Act as CCB administrator (Secretariat) per MWI 8040.2
- b) Process and account changes, deviations, & waivers to the configuration baseline per MWI 8040.2 & 8040.3
- c) Process and account program & contractor changes, deviations & waivers through the CM system
- d) Provide support to the Project to define CM requirements for contract SOWs & CM data requirements
- e) Review CM-related data deliverables
- f) Provide training to Project personnel for CM processes

**TASK ORDER
CDM SERVICES CONTRACT**

- 2) Perform CM audits per MWI 8040.7
- 3) Provide DM support to the Program Mgr to define, implement & maintain a project DM system that complies with NASA, MSFC and project unique requirements
 - a) Draft DM plan per MWI 7120.5
 - b) Administer the Document Control Process (DCP) for non-configuration documentation per MPG 7120.3
 - c) Provide support to Project to define DM requirements for contract SOWs and DM Data Requirements
 - d) Review DM related deliverables
 - e) Support Records Management planning
 - f) Provide training to Project personnel for DM processes
- 4) Support the identification/definition of Project data requirements, overall project requirements, contractor and in-house supplied.
- 5) Track and receive deliverable data per the project DPD, IDRD & DRL or equivalent

X-43C Project

- 1) Provide CM support to define, implement & maintain a project CM system that complies with MSFC MPG 8040.1
(No CM plan is required at MSFC since the Project is managed out of LaRC)
 - a) Act as CCB administrator (Secretariat) per MWI 8040.2
 - b) Process and account changes, deviations, & waivers to the configuration baseline per MWI 8040.2 & 8040.3
 - c) Process and account program & contractor changes, deviations & waivers through the CM system
 - d) Provide support to the Project to define CM requirements for contract SOWs & CM data requirements
 - e) Review CM-related data deliverables
 - f) Provide training to Project personnel for CM processes
- 2) Perform CM audits per MWI 8040.7
- 3) Provide DM support to the Program Mgr to define, implement & maintain a project DM system that complies with NASA, MSFC and project unique requirements
 - a) Draft DM plan per MWI 7120.5
 - b) Administer the Document Control Process (DCP) for non-configuration documentation per MPG 7120.3
 - c) Provide support to Project to define DM requirements for contract SOWs and DM Data Requirements
 - d) Review DM related deliverables
 - e) Support Records Management planning
 - f) Provide training to Project personnel for DM processes

**TASK ORDER
CDM SERVICES CONTRACT**

- 4) Support the identification/definition of Project data requirements, overall project requirements, contractor and in-house supplied.
- 5) Track and receive deliverable data per the project DPD, IDR & DRL or equivalent

Next Generation Ion Engine Project

- 1) Provide CM support to define, implement & maintain a project CM system that complies with MSFC MPG 8040.1
 - a) Draft CM Plan per MWI 8040.1
 - b) Act as CCB administrator (Secretariat) per MWI 8040.2
 - c) Process and account changes, deviations, & waivers to the configuration baseline per MWI 8040.2 & 8040.3
 - d) Process and account program & contractor changes, deviations & waivers through the CM system
 - e) Provide support to the Project to define CM requirements for contract SOWs & CM data requirements
 - f) Review CM-related data deliverables
 - g) Provide training to Project personnel for CM processes
- 2) Perform CM audits per MWI 8040.7
- 3) Provide DM support to the Program Mgr to define, implement & maintain a project DM system that complies with NASA, MSFC and project unique requirements
 - a) Draft DM plan per MWI 7120.5
 - b) Administer the Document Control Process (DCP) for non-configuration documentation per MPG 7120.3
 - c) Provide support to Project to define DM requirements for contract SOWs and DM Data Requirements
 - d) Review DM related deliverables
 - e) Support Records Management planning
 - f) Provide training to Project personnel for DM processes
- 4) Support the identification/definition of Project data requirements, overall project requirements, contractor and in-house supplied.
- 5) Track and receive deliverable data per the project DPD, IDR & DRL or equivalent
- 6) Develop Project Master List per MPG 7120.3 and serve as Project Master List Custodian
- 7) Support administration of Technical/Design Reviews

**TASK ORDER
CDM SERVICES CONTRACT**

SPECIAL INSTRUCTIONS:

All Project technical reviews contained in the milestones are subject to Project schedules.

~~Cancellation of this Task Order by the Originator prior to the completion of the Period of Performance specified below requires a minimum of 30 days written notice.~~

The contractor shall notify the COTR when 75% of cost is incurred and/or no later than 1 week prior to depletion of funds.

*TV 10/12/01
at 10/12/01
Jan 10/12/01*

SCHEDULE AND/OR MILESTONES:

- Continue to serve as Preliminary Requirements Review (PRR) Review Item Discrepancy (RID) database (09/01) (10/01)
- Support PRR RID Screening Group and Board (09/01) (10/01)
- Finalize Configuration Management (CM) Plan for ISTAR (10/01)
- Prepare Draft Configuration Management (CM) Plan for ASTP (09/01)
- Prepare Draft Data Management (DM) Plan for ASTP (09/01)
- Finalize Data Management (DM) Plan (10/01)
- Serve as Secretariat for Document Control Board meetings (monthly or as required)
- Serve as Secretariat for Configuration Control Board meetings (monthly or as required)
- Provide or attend CM/DM training (as required)

CWC:	PERFORMANCE STANDARDS: J-5, WBS 1.1, 1.3, Cost Control and Customer Satisfaction
WBS: 1.3	
Period of Performance: 9/1/01 - 8/31/02	

**TASK ORDER
CDM SERVICES CONTRACT**

CONTRACT #: NAS8-01121

OFFICE: 713-10

TASK ORDER #: TD10-00-003 R1

DATE:

Program/Project/Office: CDM Support for ProSEDS

TASK DESCRIPTIONS:

The contractor shall perform the tasks under WBS 1.3 to provide CDM support to the ProSEDS Project.

- f) Perform Configuration Management duties per MPG 8040.1
 - a) Serve as Secretariat to the ProSEDS CCB per MWI 8040.2
 - b) Perform Secretariat duties per MWI 8040.2
 - c) Perform CPTAS duties per MSFC-MNL-1951C
 - d) Distribute CPTAS reports per MSFC-MNL-1951C
 - e) Process FEO/FEPLS per MWI 8040.5
 - f) Assist in test phase by assembling and processing Acceptance Data Package per MPG 8060.1
 - g) Update CM Plan per MWI 8040.1
 - h) Support administration of Technical/Design Reviews

**TASK ORDER
CDM SERVICES CONTRACT**

SPECIAL INSTRUCTIONS:

The contractor shall notify the COTR when 75% of cost is incurred and/or no later than 1 week prior to completion of funds.

The reason for Revision #1 to the Task Order is to extend the Period of Performance from 1-~~June~~^{July} through 31-August, 2002. The extension will be at a lower level of effort.

SCHEDULE AND/OR MILESTONES:

- Provide Project Secretariat support for ProSeds CCB (09-01 through 06-02)
- Revise the ProSEDS CM Plan per MWI 8040.1
- Support Preship Review
- Support Testing Phase
- Support Risk Acceptance Review
- Support Monthly Status Meetings (09-01 through 06-02)

CWC:	PERFORMANCE STANDARDS: J-5, WBS 1.1, 1.3, Cost Control and Customer Satisfaction
WBS: 1.3	
PERIOD OF PERFORMANCE: 9/1/01- 8/31/02	

**TASK ORDER
CDM SERVICES CONTRACT**

CONTRACT #:NAS8-01121

UPN: 242-35-30/718-30-01

TASK ORDER #: TD10-00-003

DATE: 10/12/01

Program/Project/Office: CDM Support for ProSEDS

TASK DESCRIPTIONS:

The contractor shall perform the tasks under WBS 1.3 to provide CDM support to the ProSEDS Project.

- 1) Perform Configuration Management duties per MPG 8040.1
 - a) Serve as Secretariat to the ProSEDS CCB per MWI 8040.2
 - b) Perform Secretariat duties per MWI 8040.2
 - c) Perform CPTAS duties per MSFC-MNL-1951C
 - d) Distribute CPTAS reports per MSFC-MNL-1951C
 - e) Process FEO/FEPLS per MWI 8040.5
 - f) Assist in test phase by assembling and processing Acceptance Data Package per MPG 8060.1
 - g) Update CM Plan per MWI 8040.1
 - h) Support administration of Technical/Design Reviews

**TASK ORDER
CDM SERVICES CONTRACT**

SPECIAL INSTRUCTIONS:

~~Cancellation of this Task Order by the Originator prior to the completion of the Period of Performance specified below requires a minimum of 90 days written notice.~~

*TV 10/12/01
ack 10/12/01
Jm 10/24/01*

The contractor shall notify the COTR when 75% of cost is incurred and/or no later than 1 week prior to depletion of funds.

SCHEDULE AND/OR MILESTONES:

- Provide Project Secretariat support for ProSeds CCB (09-01 through 06-02)
- Revise the ProSEDS CM Plan per MWI 8040.1
- Support Preship Review
- Support Testing Phase
- Support Risk Acceptance Review
- Support Monthly Status Meetings (09-01 through 06-02)

CWC:	PERFORMANCE STANDARDS: J-5, WBS 1.1, 1.3, Cost Control and Customer Satisfaction
WBS: 1.3	
PERIOD OF PERFORMANCE: 9/1/01-6/30/02	

**TASK ORDER
CDM SERVICES CONTRACT**

CONTRACT #: NAS8-01121
UPN:

TASK ORDER #: SLI-00-001
DATE: 10/12/01

Program/Project/Office: COBRA CDM Support for 2nd Generation RLV

TASK DESCRIPTIONS:

The contractor shall perform the tasks under WBS 1.3 of this contract to provide the 2nd Generation RLV CDM support.

PWI will perform the following tasks:

1. Provide Configuration Management (CM) support to define, implement, and maintain a project CM system that complies with NASA, MSFC MPG 8040.1, and project unique requirements and accommodates all external and internal CM interfaces.
 - This function includes: draft the CM Plan per MWI 8040.1. Plans will be reviewed on a six-month schedule. Outstanding changes will be incorporated then.
 - Act as the CCB Administrator (Secretariat) per MWI 8040.2
 - Process and account changes, deviations, and waivers to the configuration baseline per MWI 8040.2 and MWI 8040.3
 - Process and account program and contractor changes, deviations, and waivers through the project CM system as specified in the Project CM Requirements or Plan.
 - Provide support to project to define CM requirements for contract SOW's and CM Data Requirements.
 - Review CM-related data deliverables when received by the project (at Design Reviews, etc.).
 - Provide training to Project Personnel for CM processes.
2. Perform CM audits per MWI 8040.7 or appropriate program documents, and certify CM System.
3. Provide Data Management (DM) support to the Program/Project Data Manager to define, implement, and maintain a project DM system that complies with NASA, MSFC, and project unique requirements and accommodates all external and internal DM interfaces.
 - This includes: draft the DM Plan per MWI 7120.5. Plans will be reviewed on a six-month schedule. Outstanding changes will be incorporated then.
 - Administer the Document Control Process (DCP) (for non-configuration documentation) per MPG 7120.3.
 - Provide support to project to define DM requirements for contract Statement of Work and DM Data Requirements.
 - Review DM-related data deliverables when received by the project (at Design Reviews, etc.).
 - Support Records Management planning.
 - And provide training to Project personnel for DM processes.

TASK ORDER
CDM SERVICES CONTRACT

4. Support the identification/definition of Project data requirements, overall project requirements, contractor and in-house supplied.
5. Track and receive deliverable data per the project DPD, IDRD, and DRL (or equivalent).
6. Develop Project Master List per MPG 7120.3 through the PDS database.
 - Serve as Project Master List Custodian
7. Support administration of Technical/Design Reviews
 - Compile technical/design review packages
 - Compile Acceptance Data Package
8. Create and maintain a program/project library (reference data).
 - Hardcopy or electronic.
 - Maintain library files and index.
9. Coordinate updates to program/project DPD, DR, IDRD.
 - Revise, delete and add to each program/project as requested by the COTR.
10. Implement the SLI Program/Project PDS interface.
 - Provide training and instructions to all program/project personnel.
11. Provide the Program/Project with a Receipt/Release Desk.
 - Enter data into Change Processing, Tracking and Accounting System (CPTAS).
 - Develop and maintain Program Change Number (PCN) files.

SPECIAL INSTRUCTIONS:

All project technical review milestones are subject to project schedules.

Quality records will be maintained IAW MPG 1440.2.

~~Cancellation of this Task Order by the Originator prior to the completion of the Period of Performance specified below requires a minimum of 30 days written notice.~~

The contractor shall notify the COTR when 75% of cost is incurred and/or no later than 1 week prior to depletion of funds.

*TV 10/12/01 JM 10/12/01
@ 10/12/01*

TASK ORDER
CDM SERVICES CONTRACT

SCHEDULE AND/OR MILESTONES:

COBRA Engine Project:	
ATD Modifications SRR	10/2001
LOX Boost Pump SRR	10/2001
LH2 Boost Pump SRR	10/2001
Valves (MOV) PDR	10/2001
Valves (PBOV) PDR	11/2001
EHMS Plume Spec CDR	11/2001
Preburner Proto Dev PDR	12/2001
Powerball PDR	12/2001
ATD Modifications PDR	12/2001
Actuators SRR	01/2002
Valves SRR	01/2002
EHMS Defn & Risk Rdn Sys SRR	01/2002
EHMS Defn & Risk Rdn Sensor SRR	01/2002
Valves (MOV) CDR	01/2002
Valves (PBOV) CDR	01/2002
CM Plan Draft	01/2002
DM Plan Draft	01/2002
Mfg, Eng Sys, Powerhead PDR	03/2002
LOX Boost Pump PDR	03/2002
LH2 Boost Pump PDR	03/2002

**TASK ORDER
CDM SERVICES CONTRACT**

SCHECULES AND/OR MILESTONES (CONT'D):

Proto Injector Dev DCR	03/2002
Comb Ch Proto Design DCR	03/2002
ATD Modifications CDR	03/2002
Preburner Proto Dev CDR	04/2002
Powerball CDR	04/2002
Powerhead CDR	04/2002
EHMS Defn & Risk Rdn Sensor PDR	06/2002
CM Plan Complete	06/2002
DM Plan Complete	06/2002
Combustion Devices CDR	07/2002

CWC:	PERFORMANCE STANDARDS: J-5, WBS 1.1, 1.3, Cost Control and Customer Satisfaction
WBS: 1.3	
PERIOD OF PERFORMANCE: 9/01/01 – 8/31/02	

TASK ORDER
CDM SERVICES CONTRACT

CONTRACT #: NAS8-01121

UPN: 403-01

TASK ORDER #: TD11-01-001

DATE: September 1, 2002

Program/Project/Office: CDM Support for ELV Project Office

TASK DESCRIPTIONS:

The contractor shall perform the tasks under WBS 1.3 of this contract to provide the ELV Project CDM support.

1. Provide Configuration Management (CM) support to define, implement, and maintain a project CM system that complies with NASA, MSFC MPG 8040.1, and project unique requirements and accommodates all external and internal CM interfaces.
2. Provide Data Management (DM) support to the Program/Project Data Manager to define, implement, and maintain a project DM system that complies with NASA, MSFC, and project unique requirements and accommodates all external and internal DM interfaces.
3. Review the CM & DM requirements contained in the Project Plan. This will be reviewed on a six-month schedule. Outstanding changes will be incorporated then.
4. Perform Secretariat support for the Project Plan, Risk Management Plan and the Project Requirements Document

**TASK ORDER
CDM SERVICES CONTRACT**

SPECIAL INSTRUCTIONS:

All project technical review milestones are subject to project schedules.
Quality records will be maintained IAW MPG 1440.2.

SCHEDULE AND/OR MILESTONES:

12/2002 – Review CM & DM requirements ✓
06/2003 – Review CM & DM requirements ✓

CWC:	PERFORMANCE STANDARDS: J-5, WBS 1.1, 1.3, Cost and customer satisfaction
WBS: 1.3	
Period of Performance:	09/01/02 – 8/31/03

TASK ORDER
CDM SERVICES CONTRACT

CONTRACT #: NAS8-01121

UPN: 713-10

TASK ORDER #: TD10-01-002

DATE:

Program/Project/Office: CDM Support for ASTP and ISTAR

TASK DESCRIPTIONS:

The contractor shall perform the tasks under WBS 1.3 of this contract to provide ASTP and ISTAR, and CDM support.

- 1) Provide Configuration Management (CM) support to define, implement, and maintain a project CM system that complies with NASA, MSFC MPG 8040.1, and project unique requirements and accommodates all external and internal CM interfaces.
 - Provide Secretariat support and administer Configuration Control Board (CCB) activity in accordance with MWI 8040.2
 - Process and account changes, deviations, and waivers to the configuration baseline per MWI 8040.2 and MWI 8040.3
 - Process and account program and contractor changes, deviations, and waivers through the project CM system as specified in the Project CM Requirements or Plan
 - Provide support to the project to define CM requirements for contract Statement of Work (SOW) and CM Data Requirements
 - Review CM-related data deliverables when received by the project (at Design Reviews, etc.)
- 2) Provide Data Management (DM) support to the Program/Project Data Manager to define, implement, and maintain a project DM system that complies with NASA, MSFC MPG 7120.3, and project unique requirements and accommodates all external and internal DM interfaces.
 - Administer the document control process for non-CCB documents in accordance with MPG 7120.3 and the Project DM Plan.
 - Review project data for preparation compliance with MWI 7120.4.
 - Provide support to the projects to define DM requirements for contract SOW and DM Data Requirements
 - Review DM-related data deliverables when received by the project (at Design Reviews, etc.)
 - Support Records Management planning in accordance with MPG 1440.2
- 3) Review the CM Plan per MWI 8040.1 and the DM Plan per MWI 7120.5. Plans will be reviewed on a six-month schedule. Changes, if any, will be incorporated following the review.
- 4) Support the identification/definition of Project Data Requirements, overall project requirements, contractor and in-house supplied in accordance with MWI 7120.2.
- 5) Track and receive deliverable data per the project Data Procurement Document, In-house Data Requirements Document, and Data Requirements List (or equivalent).

8/20/02

PWI Sensitive Material

TD10-01-002.doc

TASK ORDER
CDM SERVICES CONTRACT

- 6) Serve as the Master List custodian in accordance with MPG 7120.3.
- 7) Support administration of Technical and Design Reviews.
- 8) Maintain the master change files--Program Control Number (PCN) files.
- 9) Provide the official transfer point for in-house prepared documentation to the MSFC Documentation Repository.

SPECIAL INSTRUCTIONS:

All Project technical reviews contained in the milestones are subject to Project schedules.

The contractor shall notify the COTR when 75% of cost is incurred and/or no later than 1 week prior to depletion of funds.

SCHEDULE AND/OR MILESTONES:

01/2003 - Review the CM & DM Plan✓

05/2003 - ISTAR Ground Test Engine Conceptual Design Review✓

07/2003 - Review the CM & DM Plan✓

CWC:	PERFORMANCE STANDARDS: J-5, WBS 1.1, 1.3, Cost Control and Customer Satisfaction
WBS: 1.3	
Period of Performance: 9/1/02 - 8/31/03	

TASK ORDER
CDM SERVICES CONTRACT

CONTRACT #: NAS8-01121

UPN: 713-10-85

TASK ORDER #: TD10-01-002 R1

DATE:  OCT 17 2002

Program/Project/Office: CDM Support for ASTP and ISTAR

TASK DESCRIPTIONS:

The contractor shall perform the tasks under WBS 1.3 of this contract to provide ASTP and ISTAR, and CDM support.

- 1) Provide Configuration Management (CM) support to define, implement, and maintain a project CM system that complies with NASA, MSFC MPG 8040.1, and project unique requirements and accommodates all external and internal CM interfaces.
 - Provide Secretariat support and administer Configuration Control Board (CCB) activity in accordance with MWI 8040.2
 - Process and account changes, deviations, and waivers to the configuration baseline per MWI 8040.2 and MWI 8040.3
 - Process and account program and contractor changes, deviations, and waivers through the project CM system as specified in the Project CM Requirements or Plan
 - Provide support to the project to define CM requirements for contract Statement of Work (SOW) and CM Data Requirements
 - Review CM-related data deliverables when received by the project (at Design Reviews, etc.)

- 2) Provide Data Management (DM) support to the Program/Project Data Manager to define, implement, and maintain a project DM system that complies with NASA, MSFC MPG 7120.3, and project unique requirements and accommodates all external and internal DM interfaces.
 - Administer the document control process for non-CCB documents in accordance with MPG 7120.3 and the Project DM Plan.
 - Review project data for preparation compliance with MWI 7120.4.
 - Provide support to the projects to define DM requirements for contract SOW and DM Data Requirements
 - Review DM-related data deliverables when received by the project (at Design Reviews, etc.)
 - Support Records Management planning in accordance with MPG 1440.2

- 3) Review the CM Plan per MWI 8040.1 and the DM Plan per MWI 7120.5. Plans will be reviewed on a six-month schedule. Changes, if any, will be incorporated following the review.

- 4) Support the identification/definition of Project Data Requirements, overall project requirements, contractor and in-house supplied in accordance with MWI 7120.2.

- 5) Track and receive deliverable data per the project Data Procurement Document, In-house Data Requirements Document, and Data Requirements List (or equivalent).

TASK ORDER
CDM SERVICES CONTRACT

- 6) Serve as the Master List custodian in accordance with MPG 7120.3.
- 7) Support administration of Technical and Design Reviews.
- 8) Maintain the master change files--Program Control Number (PCN) files.
- 9) Provide the official transfer point for in-house prepared documentation to the MSFC Documentation R

SPECIAL INSTRUCTIONS:

All Project technical reviews contained in the milestones are subject to Project schedules.

The contractor shall notify the COTR when 75% of cost is incurred and/or no later than 1 week p depletion of funds.

Revision #1 is to update the travel requirements.

SCHEDULE AND/OR MILESTONES:

- 01/2003 - Review the CM & DM Plan
- 05/2003 – ISTAR Ground Test Engine Conceptual Design Review
- 07/2003 - Review the CM & DM Plan

CWC:	PERFORMANCE STANDARDS: J-5, WB; Cost Control and Customer Satisfaction
WBS: 1.3	
Period of Performance: 9/1/02 - 8/31/03	

TASK ORDER
CDM SERVICES CONTRACT

CONTRACT #: NAS8-01121

UPN: 713-10-85 TV

TASK ORDER #: TD10-01-002 R2

DATE: OCT 31 2002

Program/Project/Office: CDM Support for ASTP and ISTAR

TASK DESCRIPTIONS:

The contractor shall perform the tasks under WBS 1.3 of this contract to provide ASTP and ISTAR, and CDM support.

- 1) Provide Configuration Management (CM) support to define, implement, and maintain a project CM system that complies with NASA, MSFC MPG 8040.1, and project unique requirements and accommodates all external and internal CM interfaces.
 - Provide Secretariat support and administer Configuration Control Board (CCB) activity in accordance with MWI 8040.2
 - Process and account changes, deviations, and waivers to the configuration baseline per MWI 8040.2 and MWI 8040.3
 - Process and account program and contractor changes, deviations, and waivers through the project CM system as specified in the Project CM Requirements or Plan
 - Provide support to the project to define CM requirements for contract Statement of Work (SOW) and CM Data Requirements
 - Review CM-related data deliverables when received by the project (at Design Reviews, etc.)
- 2) Provide Data Management (DM) support to the Program/Project Data Manager to define, implement, and maintain a project DM system that complies with NASA, MSFC MPG 7120.3, and project unique requirements and accommodates all external and internal DM interfaces.
 - Administer the document control process for non-CCB documents in accordance with MPG 7120.3 and the Project DM Plan.
 - Review project data for preparation compliance with MWI 7120.4.
 - Provide support to the projects to define DM requirements for contract SOW and DM Data Requirements
 - Review DM-related data deliverables when received by the project (at Design Reviews, etc.)
 - Support Records Management planning in accordance with MPG 1440.2
- 3) Review the CM Plan per MWI 8040.1 and the DM Plan per MWI 7120.5. Plans will be reviewed on a six-month schedule. Changes, if any, will be incorporated following the review.
- 4) Support the identification/definition of Project Data Requirements, overall project requirements, contractor and in-house supplied in accordance with MWI 7120.2.
- 5) Track and receive deliverable data per the project Data Procurement Document, In-house Data Requirements Document, and Data Requirements List (or equivalent).

TASK ORDER
CDM SERVICES CONTRACT

- 6) Serve as the Master List custodian in accordance with MPG 7120.3.
- 7) Support administration of Technical and Design Reviews.
- 8) Maintain the master change files--Program Control Number (PCN) files.
- 9) Provide the official transfer point for in-house prepared documentation to the MSFC Documentation Repository.

SPECIAL INSTRUCTIONS:

All Project technical reviews contained in the milestones are subject to Project schedules.

The contractor shall notify the COTR when 75% of cost is incurred and/or no later than 1 week prior to depletion of funds.

Revision #2 is to update the travel requirements.

SCHEDULE AND/OR MILESTONES:

- 01/2003 - Review the CM & DM Plan
- 05/2003 - ISTAR Ground Test Engine Conceptual Design Review
- 07/2003 - Review the CM & DM Plan

CWC:	PERFORMANCE STANDARDS: J-5, WBS 1.1, 1.3, Cost Control and Customer Satisfaction
WBS: 1.3	
Period of Performance: 9/1/02 - 8/31/03	

TASK ORDER
CDM SERVICES CONTRACT

CONTRACT #:NAS8-01121

UPN: 713-10

TASK ORDER #: TD10-01-003

DATE: *September 1, 2002*

Program/Project/Office: CDM Support for ProSEDS

TASK DESCRIPTIONS:

The contractor shall perform the tasks under WBS 1.3 to provide CDM support to the ProSEDS Project.

- 1) Perform Configuration Management duties per MPG 8040.1
 - a) Serve as Secretariat to the ProSEDS CCB per MWI 8040.2
 - b) Perform Secretariat duties per MWI 8040.2
 - c) Perform CPTAS duties per MSFC-MNL-1951C
 - d) Distribute CPTAS reports per MSFC-MNL-1951C
 - e) Process FEO/FEPLS per MWI 8040.5
 - f) Assist in test phase by assembling and processing Acceptance Data Package per MPG 8060.1
 - g) Support administration of Technical/Design Reviews

TASK ORDER
CDM SERVICES CONTRACT

SPECIAL INSTRUCTIONS:

The contractor shall notify the COTR when 75% of cost is incurred and/or no later than 1 week prior to depletion of funds.

SCHEDULE AND/OR MILESTONES:

CWC:

PERFORMANCE STANDARDS: J-5, WBS 1.1, 1.3, Cost Control and Customer Satisfaction

WBS: 1.3

PERIOD OF PERFORMANCE: 9/1/02 – 9/30/02

TASK ORDER
CDM SERVICES CONTRACT

CONTRACT #: NAS8-01121

UPN: 800-91

TASK ORDER #: TD10-01-004

DATE:

Program/Project/Office: Configuration and Data Management (CDM) Support for NEXT Generation Ion (NGI) Project

TASK DESCRIPTIONS:

The contractor shall perform the tasks under WBS 1.3 of this contract to provide NGI CDM support.

- 1) Provide Configuration Management (CM) support to define, implement, and maintain a project CM system that complies with NASA, MSFC MPG 8040.1, and project unique requirements and accommodates all external and internal CM interfaces.
 - Provide Secretariat support and administer Configuration Control Board (CCB) activity in accordance with MWI 8040.2
 - Process and account changes, deviations, and waivers to the configuration baseline per MWI 8040.2 and MWI 8040.3
- 2) Provide Data Management (DM) support to the Program/Project Data Manager to define, implement, and maintain a project DM system that complies with NASA, MSFC MPG 7120.3, and project unique requirements and accommodates all external and internal DM interfaces.
 - Administer the document control process for non-CCB documents in accordance with MPG 7120.3 and the Project DM Plan.
- 3) Draft the CM Plan per MWI 8040.1 and the DM Plan per MWI 7120.5. Plans will be reviewed on a six-month schedule. Changes, if any, will be incorporated following the review.
- 4) Serve as the Master List custodian in accordance with MPG 7120.3.
- 5) Support administration of Technical and Design Reviews.
- 6) Maintain the master change files--Program Control Number (PCN) files.

**TASK ORDER
CDM SERVICES CONTRACT**

SPECIAL INSTRUCTIONS:

All project technical reviews contained in the milestones are subject to Project schedules.

The contractor shall notify the COTR when 75% of cost is incurred and/or no later than 1 week prior to depletion of funds.

SCHEDULE AND/OR MILESTONES:

09/2002 – NEXT Project Requirements Review ✓
12/2002 - Draft the CM Plan ✓
02/2003 - Draft the DM Plan ✓

CWC:	PERFORMANCE STANDARDS: J-5, WBS 1.1, 1.3, Cost Control and Customer Satisfaction
WBS: 1.3	
Period of Performance: 9/1/02 - 8/31/03	